

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
 Data File : BF106598.D
 Acq On : 19 Jun 2018 22:30
 Operator : JU/SJ
 Sample : J3498-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-G-S

Quant Time: Jun 20 01:06:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	94683	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	348843	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	138346	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	244026	20.00	ng	0.00
75) Chrysene-d12	14.15	240	284551	20.00	ng	0.00
86) Perylene-d12	15.69	264	201093	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	386395	69.10	ng	0.00
7) Phenol-d6	6.60	99	469800	67.28	ng	0.00
23) Nitrobenzene-d5	7.52	82	292472	46.59	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	94263	58.79	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	471062	51.89	ng	0.00
78) Terphenyl-d14	13.08	244	493583	42.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	111	0.039	ng	# 1
6) Aniline	6.74	93	576	0.061	ng	# 1
9) Benzaldehyde	6.60	77	620	0.194	ng	# 1
10) Phenol	6.61	94	3848	0.483	ng	# 34
11) bis(2-Chloroethyl)ether	6.74	93	576	0.088	ng	# 1
15) Benzyl Alcohol	7.12	79	4963	0.885	ng	# 46
19) n-Nitroso-di-n-propylamine	7.52	70	38039	8.264	ng	# 73
24) Nitrobenzene	7.52	77	738	0.115	ng	# 38
25) Isophorone	7.52	82	292467	26.441	ng	# 64
45) 1,1'-Biphenyl	9.42	154	691	0.063	ng	# 90
46) 2-Chloronaphthalene	9.71	162	274	0.032	ng	# 1
47) 2-Nitroaniline	9.71	65	394	0.135	ng	# 1
48) Acenaphthylene	9.86	152	3318	0.242	ng	# 78
49) Dimethylphthalate	9.71	163	54394	5.242	ng	# 99
50) 2,6-Dinitrotoluene	9.71	165	561	0.255	ng	# 3
51) Acenaphthene	10.02	154	233	0.027	ng	# 41
56) 2,4-Dinitrotoluene	10.00	165	17358	6.052	ng	# 21
57) Fluorene	10.55	166	304	0.032	ng	# 73
59) Diethylphthalate	10.41	149	167	0.017	ng	# 61
62) Azobenzene	10.80	77	472	0.048	ng	# 1
65) n-Nitrosodiphenylamine	10.80	169	2612	0.318	ng	# 37
66) 4-Bromophenyl-phenylether	10.80	248	6068	2.084	ng	# 1
70) Phenanthrene	11.52	178	163	0.014	ng	# 59
71) Anthracene	11.57	178	139	0.012	ng	# 60
73) Di-n-butylphthalate	12.04	149	977	0.074	ng	# 78
74) Fluoranthene	12.71	202	891	0.069	ng	# 65
76) Benzidine	13.08	184	5929	0.732	ng	# 96
77) Pyrene	12.94	202	1395	0.074	ng	# 42
79) Butylbenzylphthalate	13.49	149	627	0.081	ng	# 77
80) Benzo(a)anthracene	14.15	228	2340	0.135	ng	# 20
81) 3,3'-Dichlorobenzidine	14.08	252	134	0.022	ng	# 27
82) Chrysene	14.15	228	2340	0.147	ng	# 27
83) Bis(2-ethylhexyl)phthalate	14.11	149	1564	0.159	ng	# 81
84) Di-n-octyl phthalate	14.78	149	341	0.021	ng	# 1

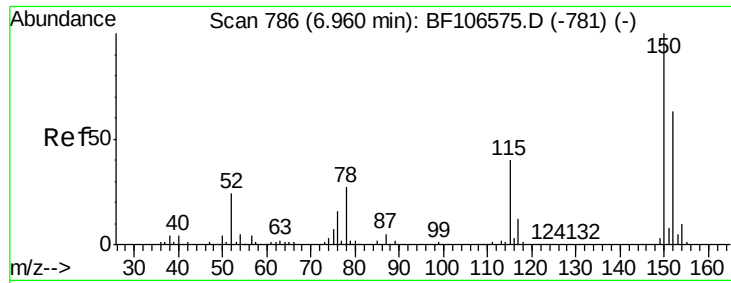
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
Data File : BF106598.D
Acq On : 19 Jun 2018 22:30
Operator : JU/SJ
Sample : J3498-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 20 01:06:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Indeno(1,2,3-cd)pyrene	17.27	276	1777	0.131	ng	# 38
87) Benzo(b)fluoranthene	15.24	252	1709	0.137	ng	# 1
88) Benzo(k)fluoranthene	15.30	252	593	0.050	ng	# 1
89) Benzo(a)pyrene	15.62	252	1459	0.131	ng	# 1
90) Dibenzo(a,h)anthracene	17.29	278	401	0.043	ng	# 1
91) Benzo(g,h,i)perylene	17.74	276	1394	0.152	ng	# 47

(#) = qualifier out of range (m) = manual integration (+) = signals summed

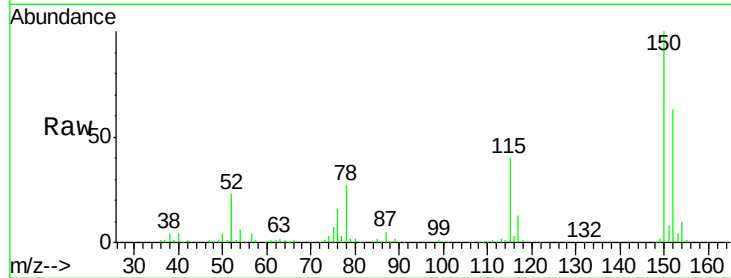


#1

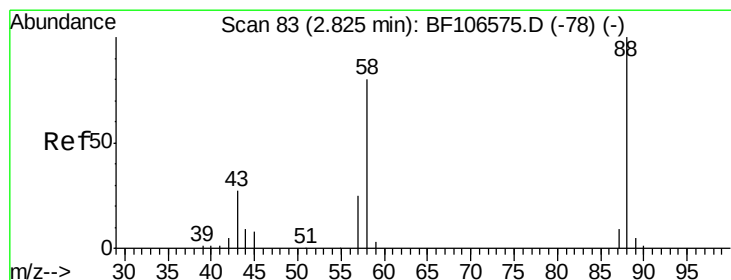
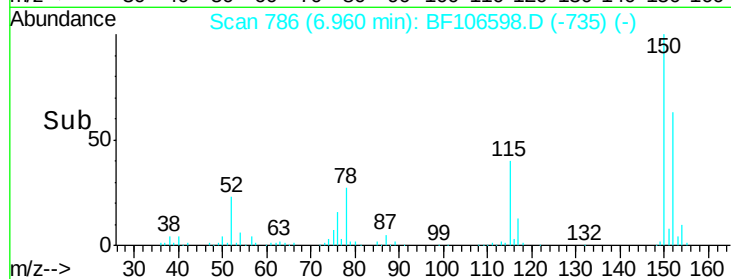
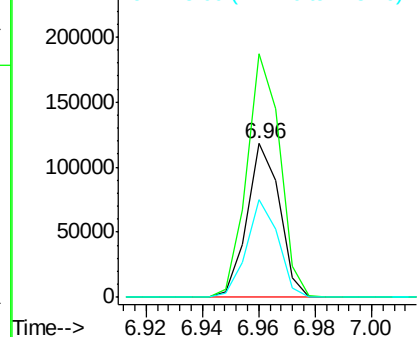
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106598.D
Acq: 19 Jun 2018 22:30

Instrument :
BNA_F
ClientSampleId :
TP-G-S

Tgt Ion: 152 Resp: 94683
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 63.8 50.1 75.1



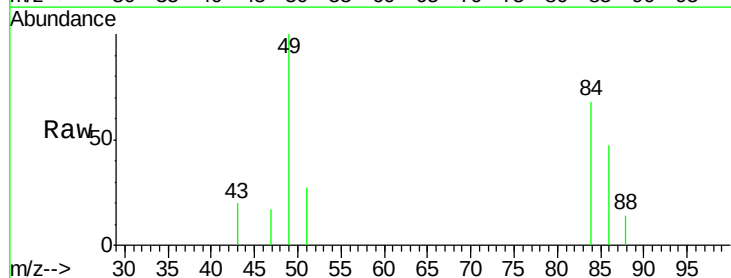
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



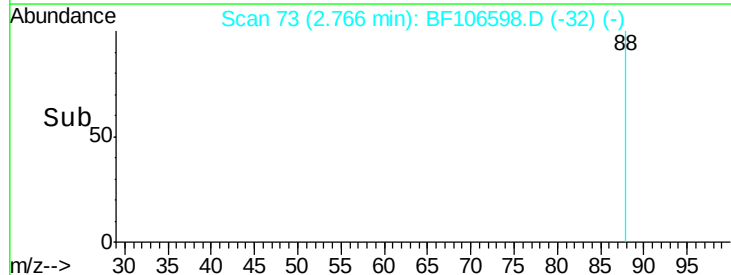
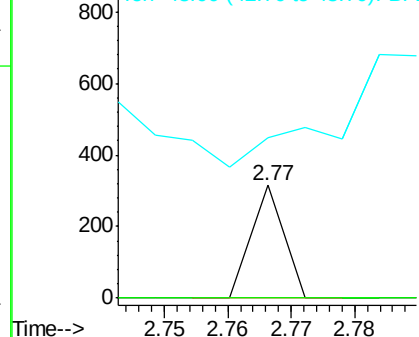
#2

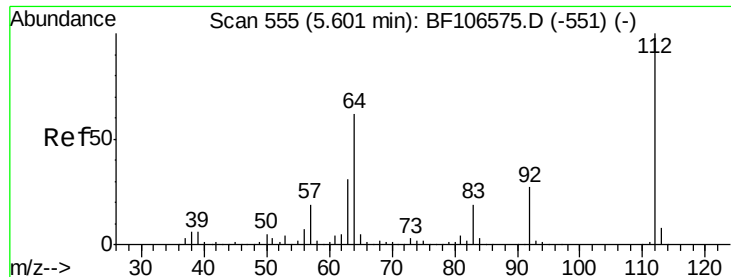
1,4-Dioxane
Concen: 0.039 ng
RT: 2.77 min Scan# 73
Delta R.T. -0.06 min
Lab File: BF106598.D
Acq: 19 Jun 2018 22:30

Tgt Ion: 88 Resp: 111
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 270.3 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 69.103 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF106598.D

Acq: 19 Jun 2018 22:30

Instrument :

BNA_F

ClientSampled :

TP-G-S

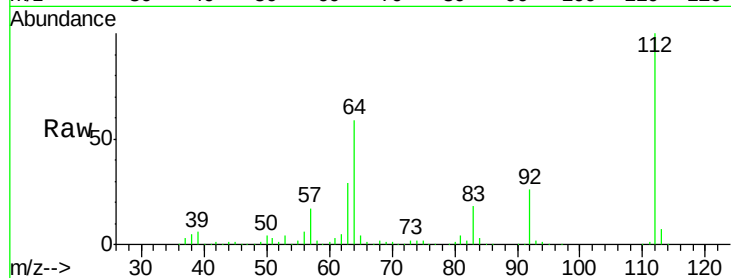
Tgt Ion: 112 Resp: 386395

Ion Ratio Lower Upper

112 100

64 59.2 47.9 71.9

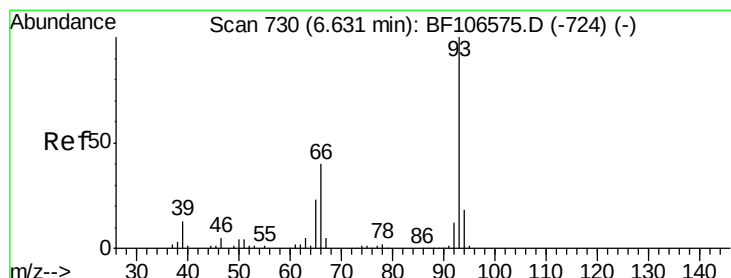
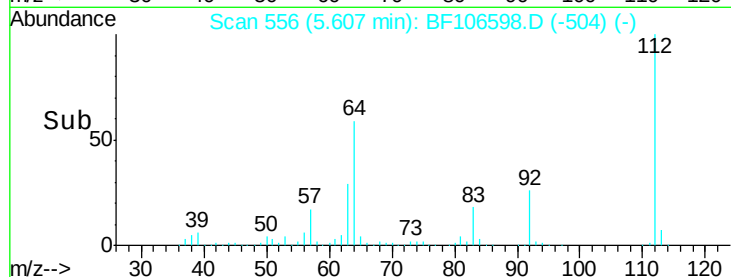
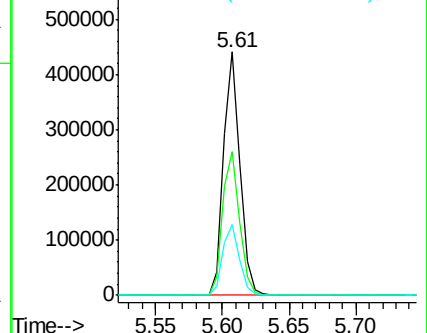
63 29.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.061 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.11 min

Lab File: BF106598.D

Acq: 19 Jun 2018 22:30

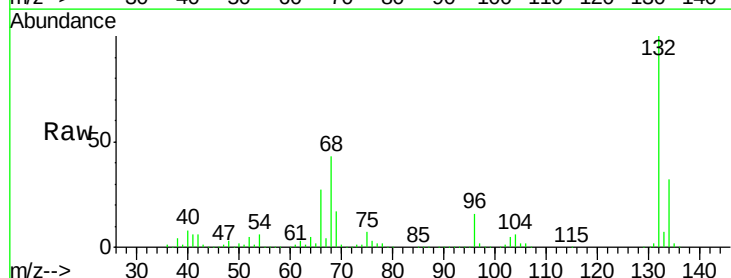
Tgt Ion: 93 Resp: 576

Ion Ratio Lower Upper

93 100

66 16432.0 32.2 48.2#

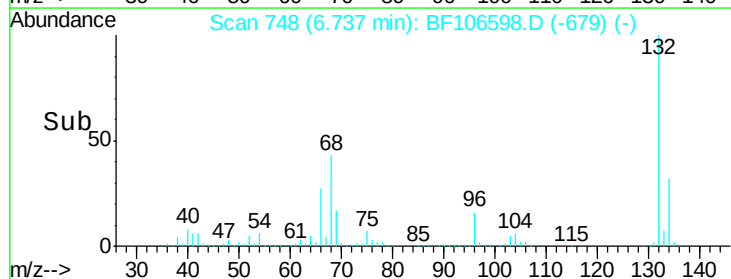
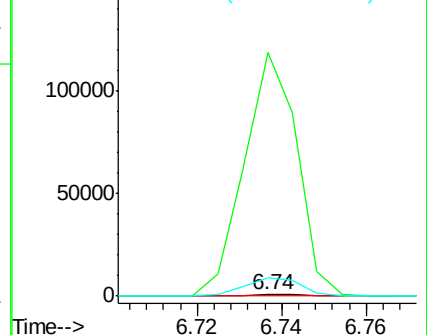
65 1240.9 16.4 24.6#

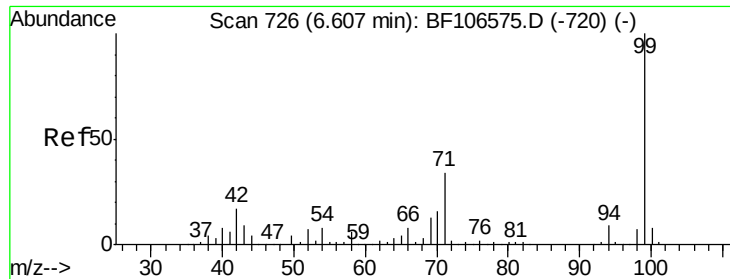


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 67.280 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106598.D

Acq: 19 Jun 2018 22:30

Instrument :

BNA_F

ClientSampleId :

TP-G-S

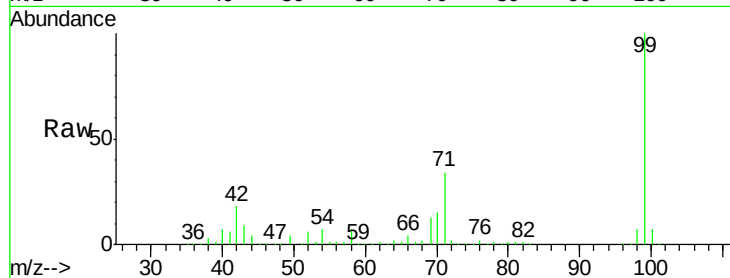
Tgt Ion: 99 Resp: 469800

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

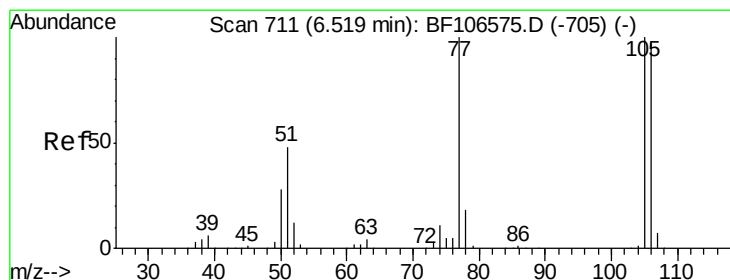
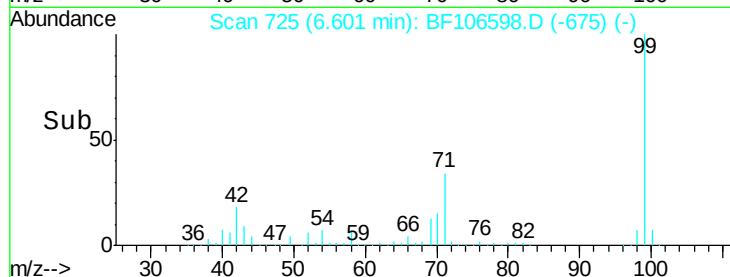
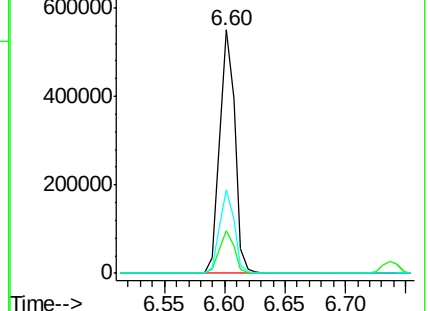
71 34.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 0.194 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.08 min

Lab File: BF106598.D

Acq: 19 Jun 2018 22:30

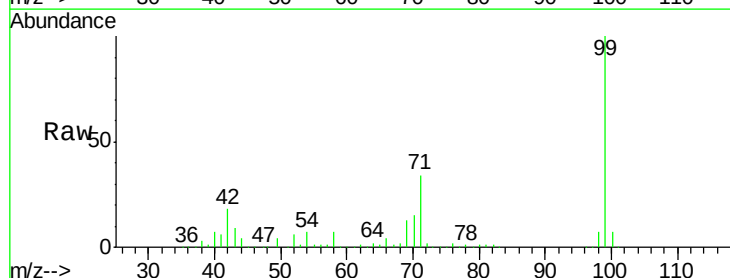
Tgt Ion: 77 Resp: 620

Ion Ratio Lower Upper

77 100

105 0.0 81.1 121.1#

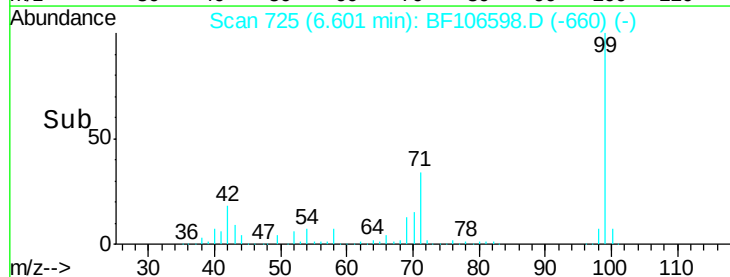
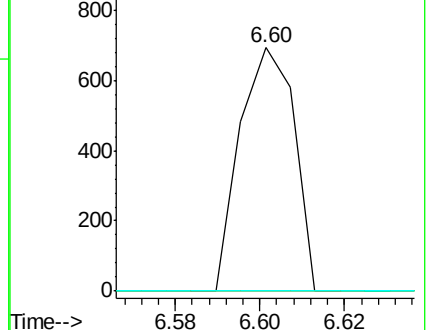
106 0.0 74.5 114.5#

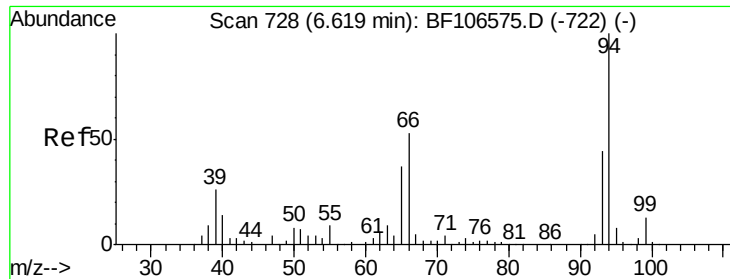


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 0.483 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106598.D

Acq: 19 Jun 2018 22:30

Instrument :

BNA_F

ClientSampleId :

TP-G-S

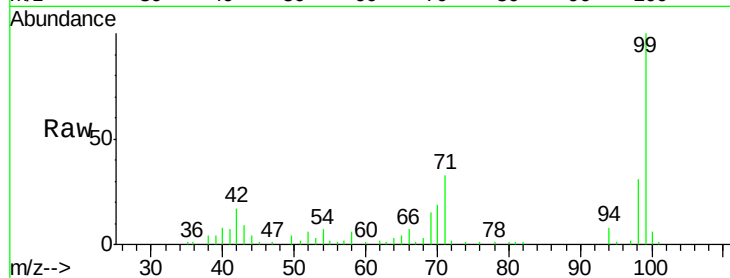
Tgt Ion: 94 Resp: 3848

Ion Ratio Lower Upper

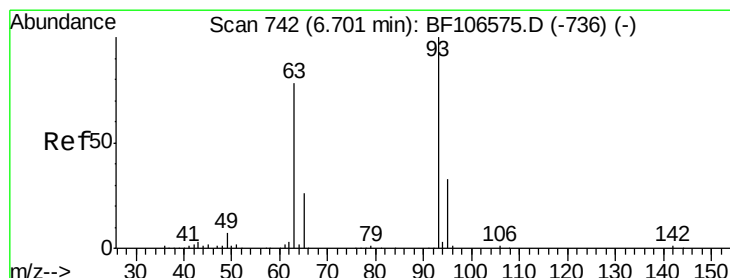
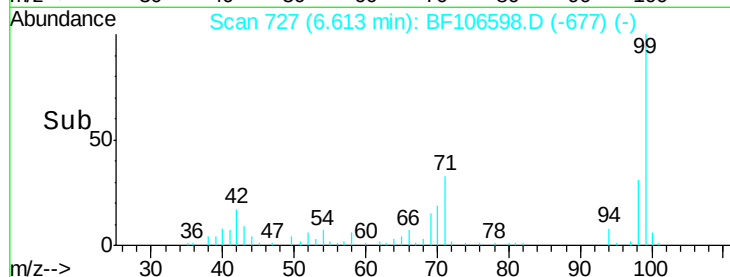
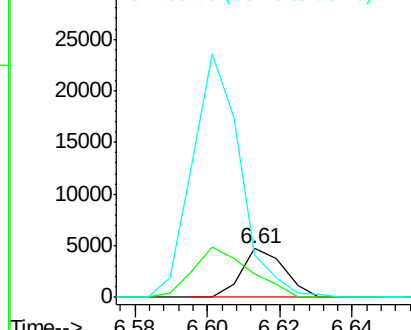
94 100

65 47.7 7.9 47.9

66 87.5 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 0.088 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.04 min

Lab File: BF106598.D

Acq: 19 Jun 2018 22:30

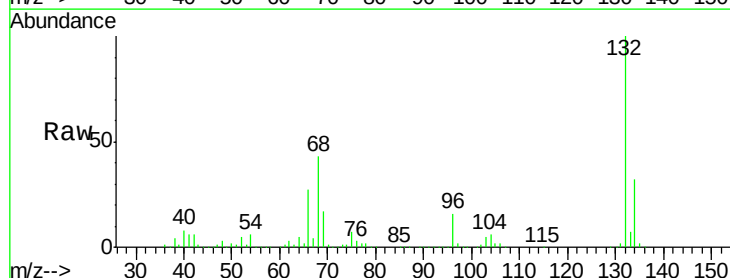
Tgt Ion: 93 Resp: 576

Ion Ratio Lower Upper

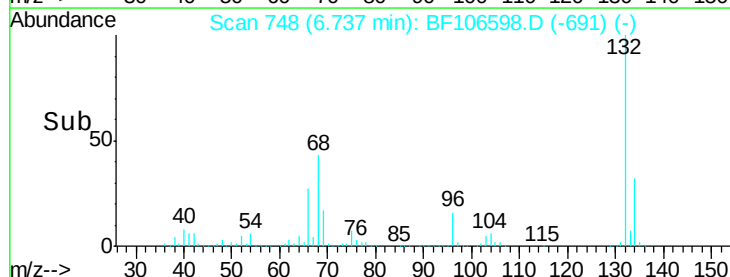
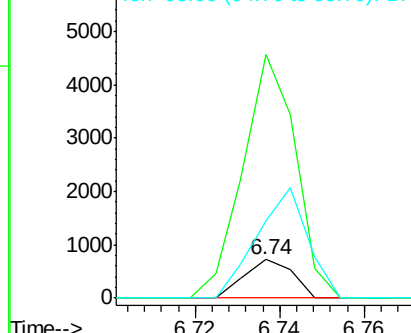
93 100

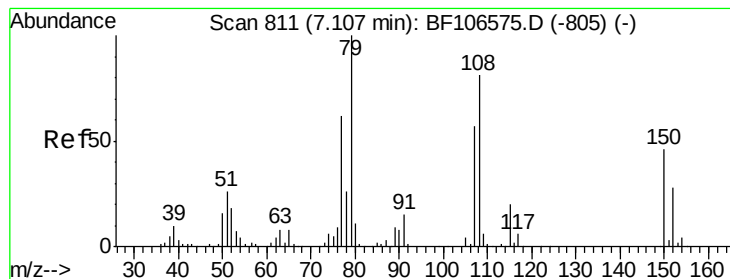
63 630.9 58.6 98.6#

95 198.9 11.8 51.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1





#15

Benzyl Alcohol

Concen: 0.885 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF106598.D

Acq: 19 Jun 2018 22:30

Instrument :

BNA_F

ClientSampleId :

TP-G-S

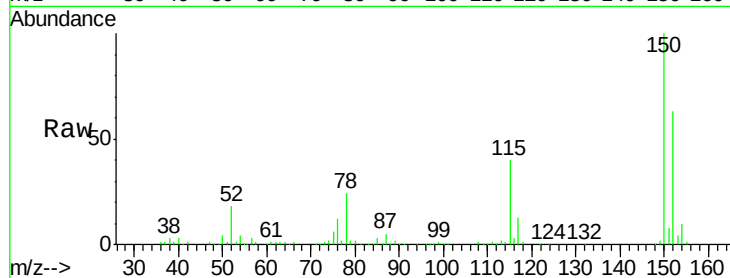
Tgt Ion: 79 Resp: 4963

Ion Ratio Lower Upper

79 100

108 36.1 65.1 97.7#

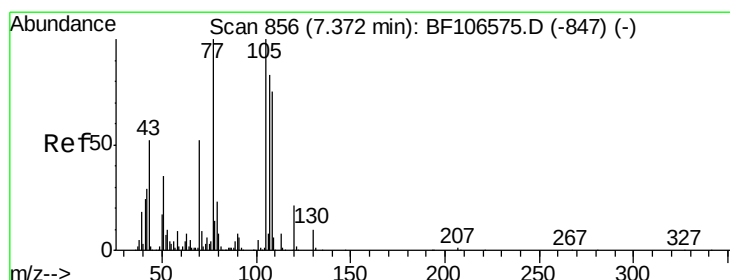
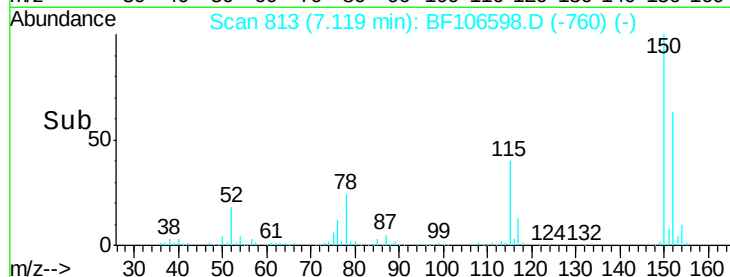
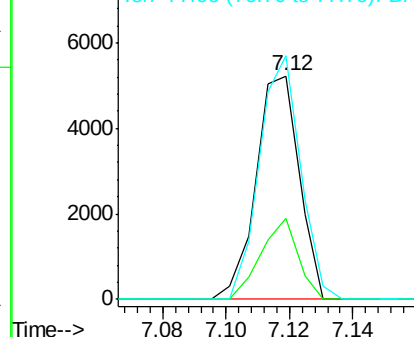
77 108.9 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 8.264 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106598.D

Acq: 19 Jun 2018 22:30

Tgt Ion: 70 Resp: 38039

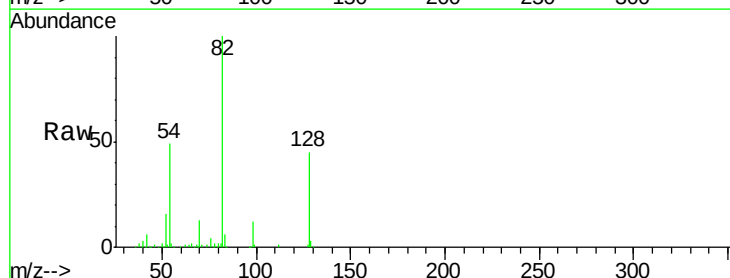
Ion Ratio Lower Upper

70 100

42 42.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

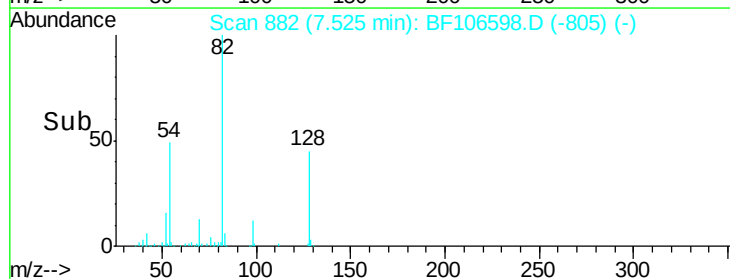
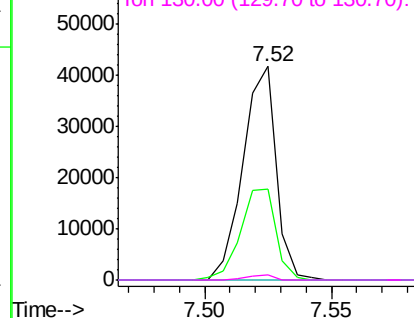


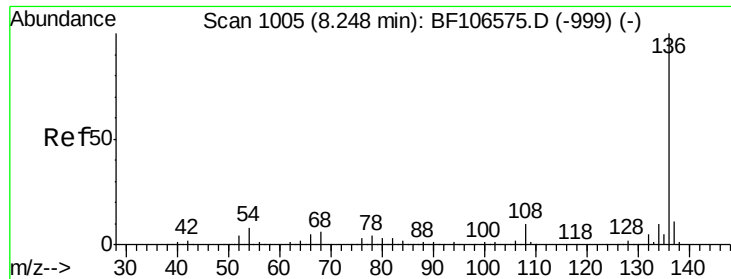
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

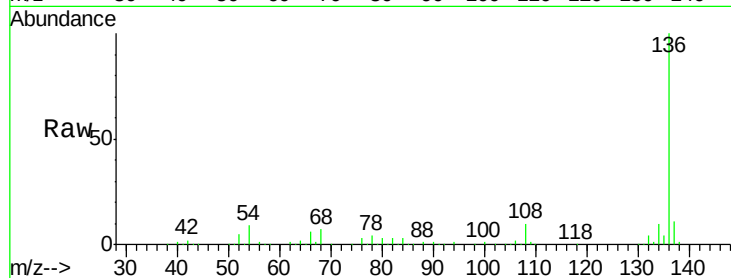




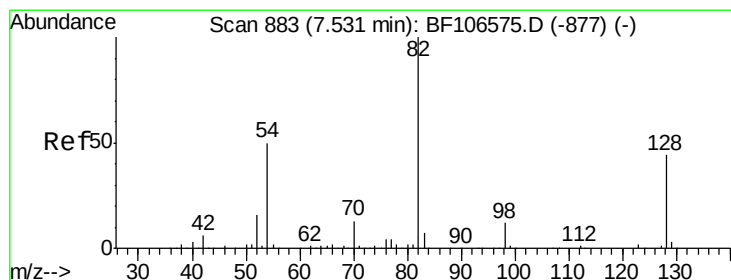
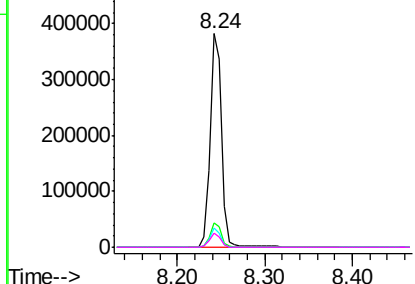
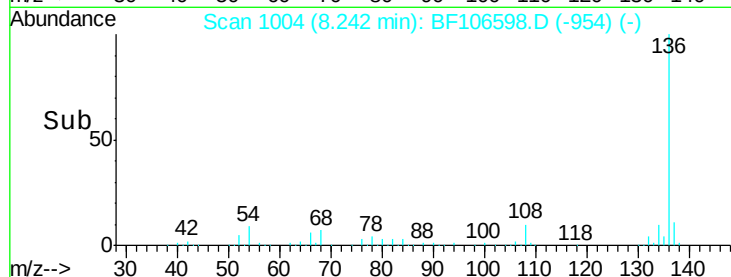
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106598.D
Acq: 19 Jun 2018 22:30

Instrument :
BNA_F
ClientSampleId :
TP-G-S

Tgt Ion:	136	Resp:	348843
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.9	6.6	9.8
68	6.9	5.0	7.4

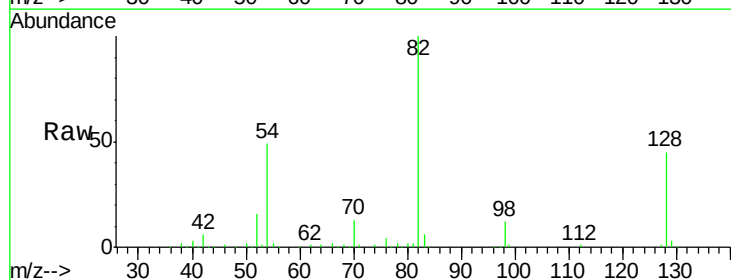


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

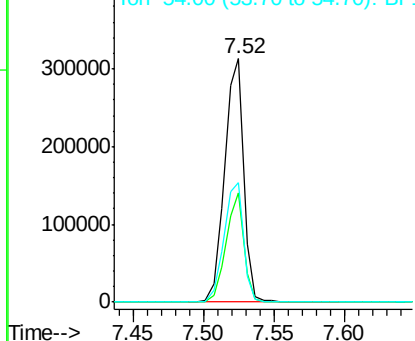
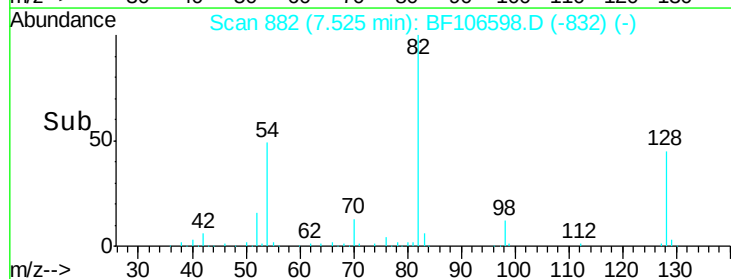


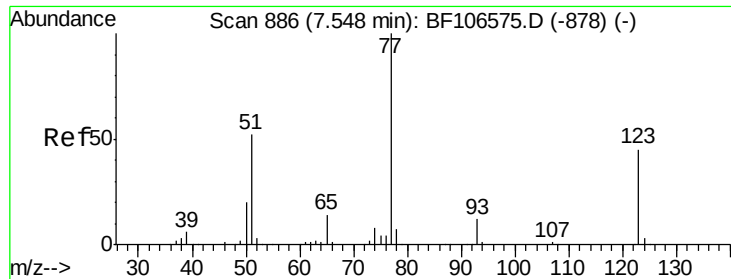
#23
Nitrobenzene-d5
Concen: 46.593 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106598.D
Acq: 19 Jun 2018 22:30

Tgt Ion:	82	Resp:	292472
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	49.2	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

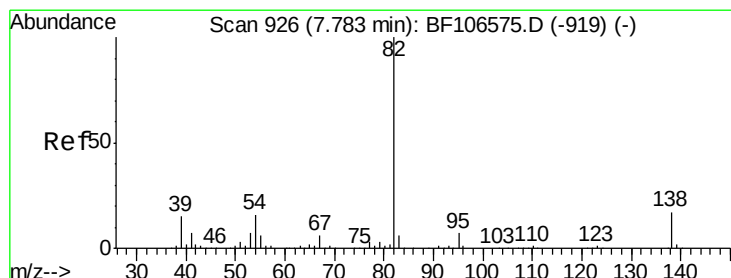
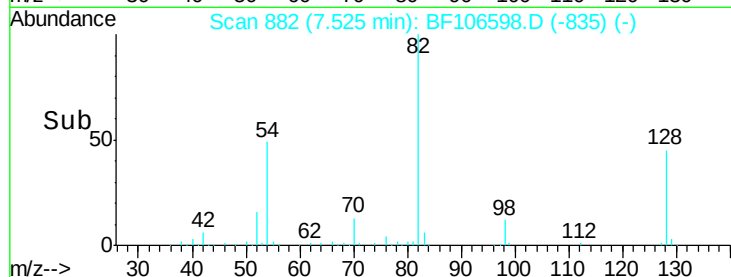
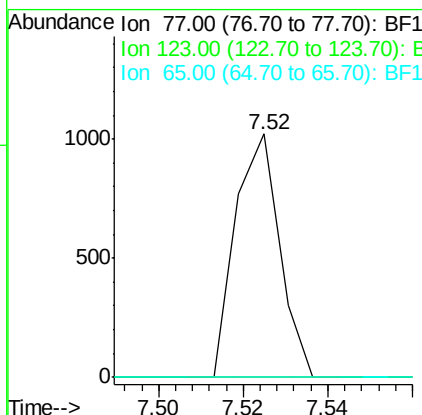
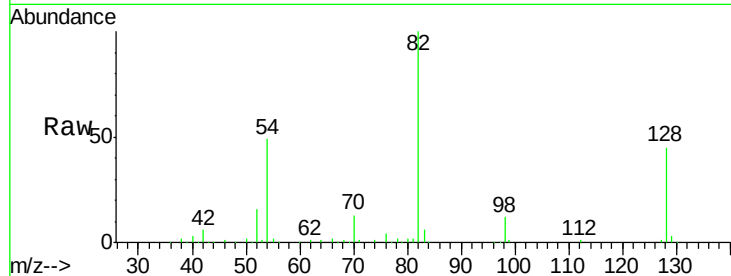




#24
 Nitrobenzene
 Concen: 0.115 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF106598.D
 Acq: 19 Jun 2018 22:30

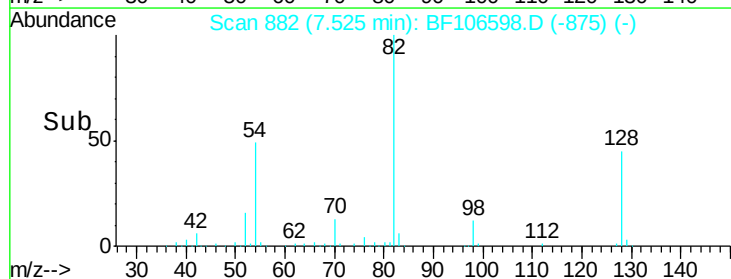
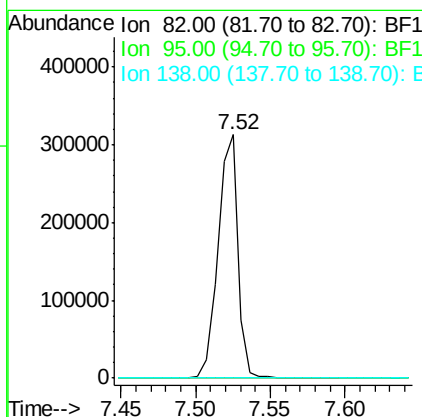
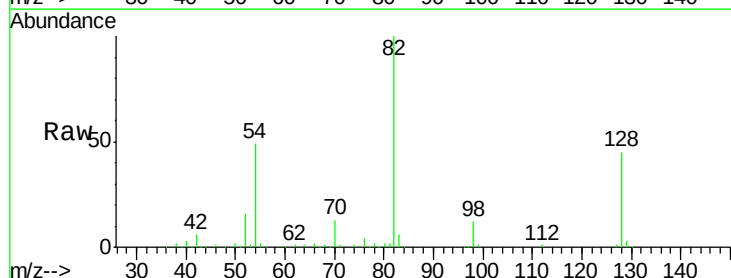
Instrument :
 BNA_F
 ClientSampleId :
 TP-G-S

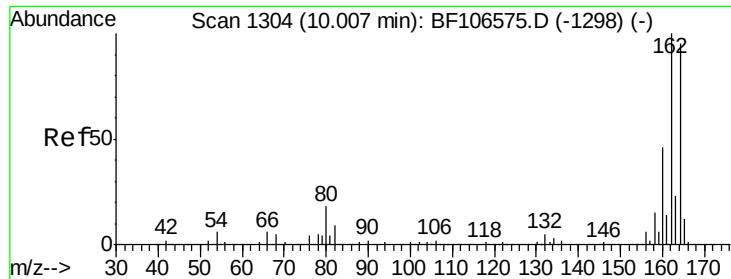
Tgt Ion: 77 Resp: 738
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.9 56.9#
 65 0.0 11.0 16.4#



#25
 Isophorone
 Concen: 26.441 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF106598.D
 Acq: 19 Jun 2018 22:30

Tgt Ion: 82 Resp: 292467
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

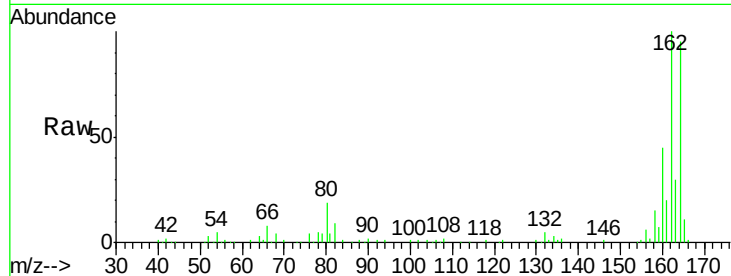




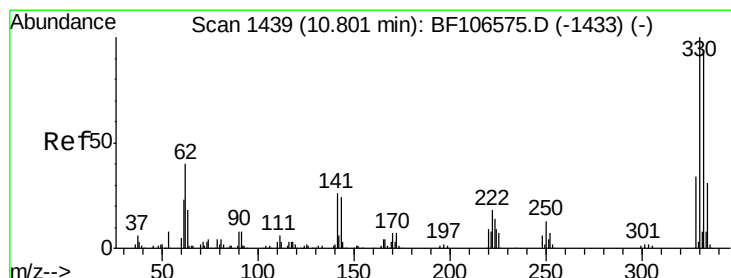
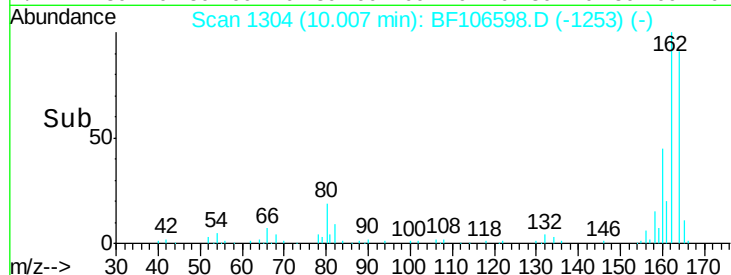
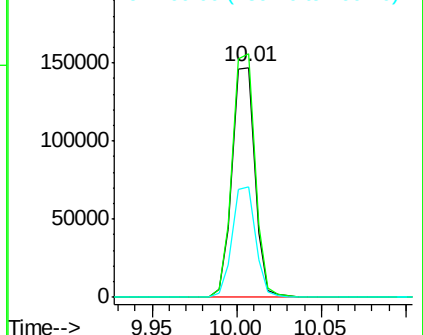
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF106598.D
 Acq: 19 Jun 2018 22:30

Instrument :
 BNA_F
 ClientSampleId :
 TP-G-S

Tgt Ion:164 Resp: 138346
 Ion Ratio Lower Upper
 164 100
 162 105.8 86.1 129.1
 160 47.9 38.3 57.5

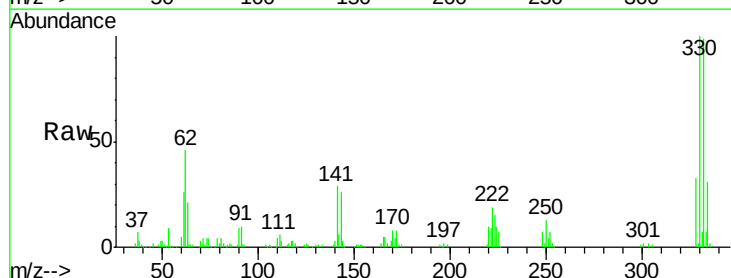


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

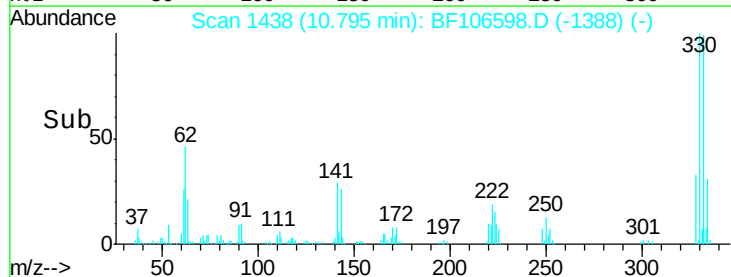
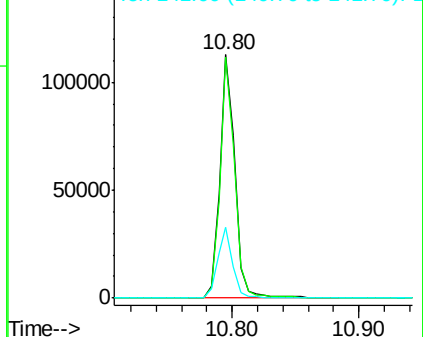


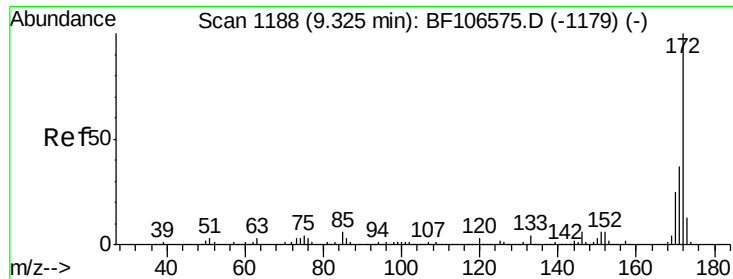
#41
 2,4,6-Tribromophenol
 Concen: 58.787 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106598.D
 Acq: 19 Jun 2018 22:30

Tgt Ion:330 Resp: 94263
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 28.6 29.9 44.9#



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

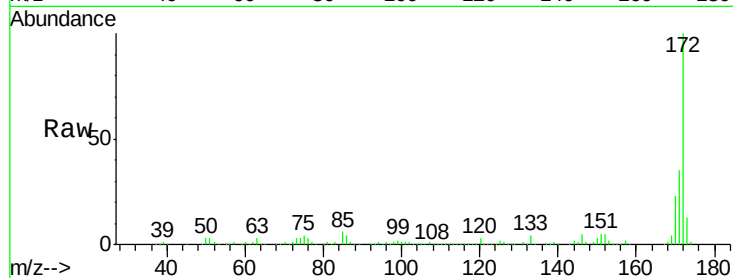




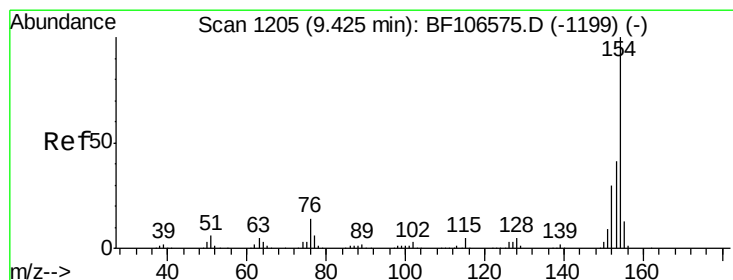
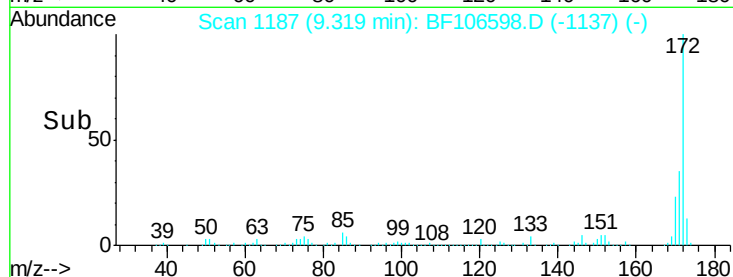
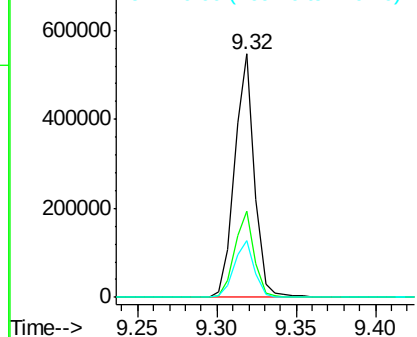
#44
 2-Fluorobiphenyl
 Concen: 51.887 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106598.D
 Acq: 19 Jun 2018 22:30

Instrument :
 BNA_F
 ClientSampleId :
 TP-G-S

Tgt Ion:172 Resp: 471062
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 23.5 19.6 29.4

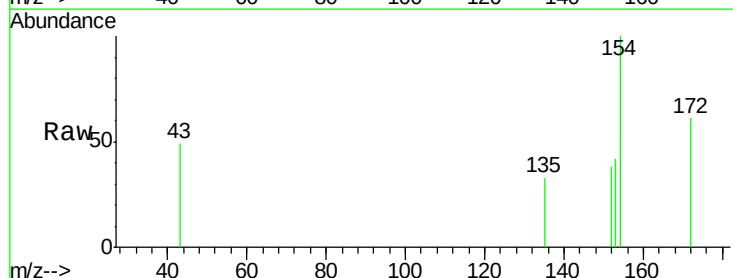


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

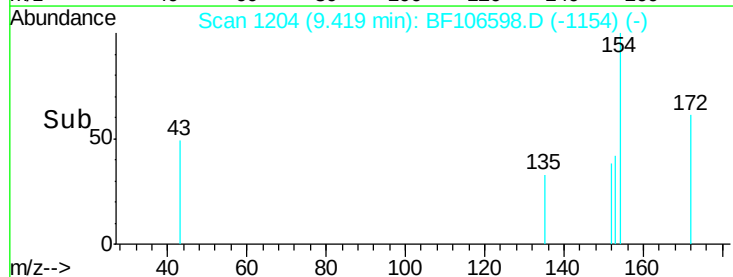
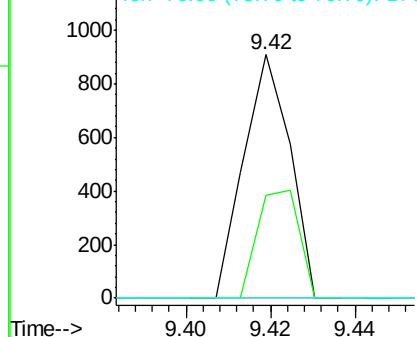


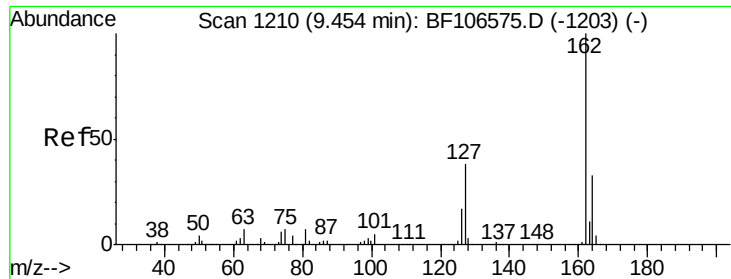
#45
 1,1'-Biphenyl
 Concen: 0.063 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF106598.D
 Acq: 19 Jun 2018 22:30

Tgt Ion:154 Resp: 691
 Ion Ratio Lower Upper
 154 100
 153 42.5 21.3 61.3
 76 0.0 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

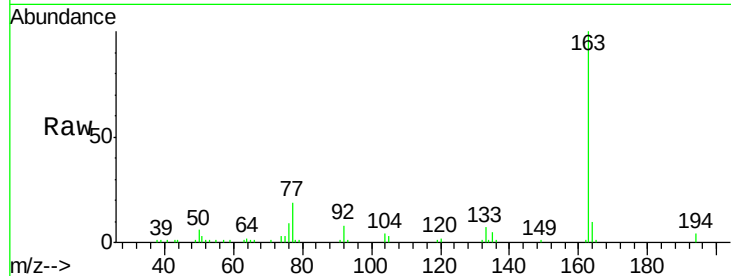




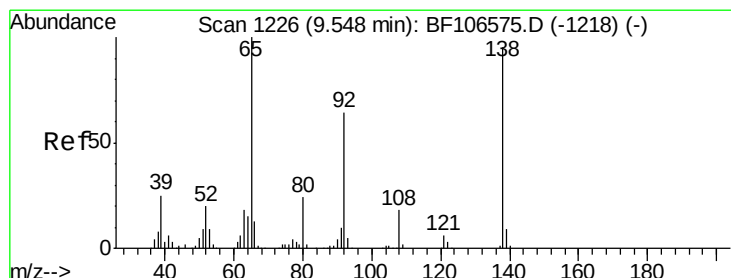
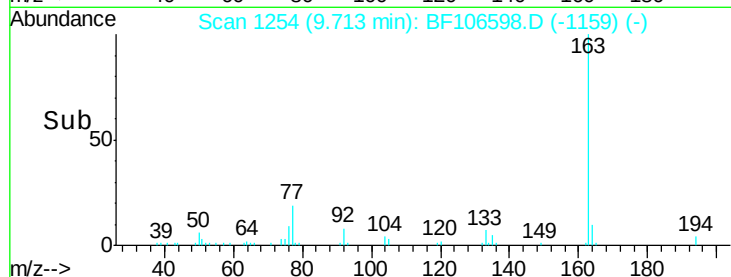
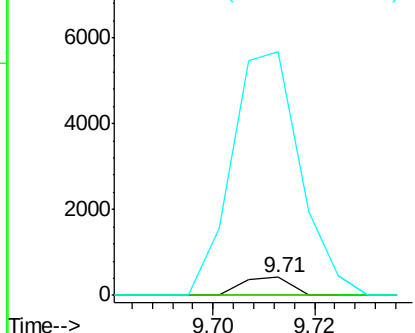
#46
 2-Chloronaphthalene
 Concen: 0.032 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. 0.26 min
 Lab File: BF106598.D
 Acq: 19 Jun 2018 22:30

Instrument :
 BNA_F
 ClientSampleId :
 TP-G-S

Tgt Ion: 162 Resp: 274
 Ion Ratio Lower Upper
 162 100
 127 0.0 33.9 50.9#
 164 1338.0 26.5 39.7#

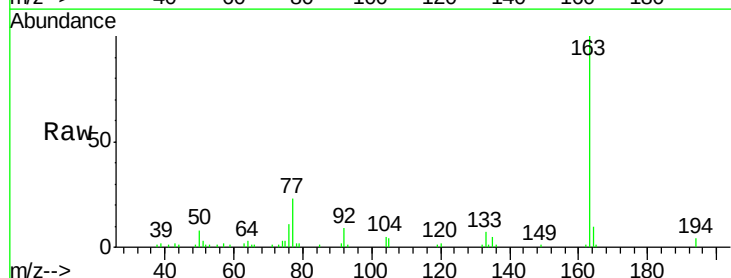


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

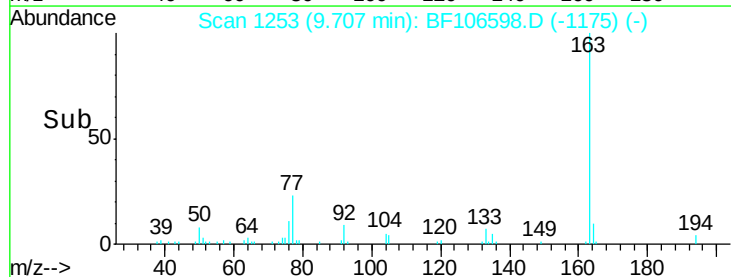
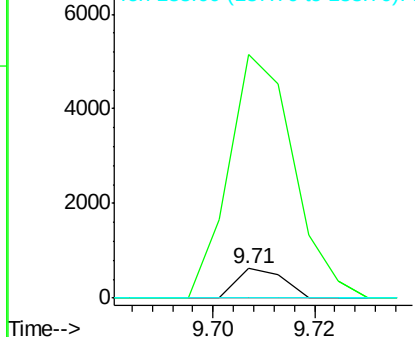


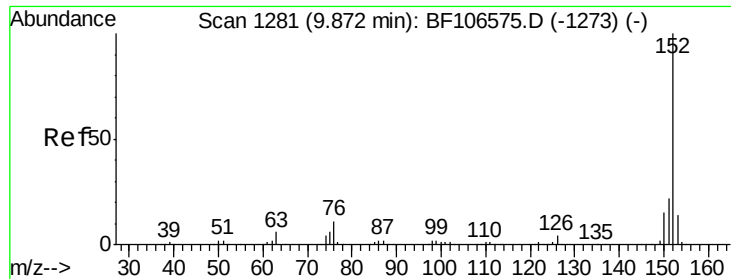
#47
 2-Nitroaniline
 Concen: 0.135 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. 0.16 min
 Lab File: BF106598.D
 Acq: 19 Jun 2018 22:30

Tgt Ion: 65 Resp: 394
 Ion Ratio Lower Upper
 65 100
 92 827.2 55.8 83.6#
 138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.242 ng

RT: 9.86 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF106598.D

Acq: 19 Jun 2018 22:30

Instrument :

BNA_F

ClientSampleId :

TP-G-S

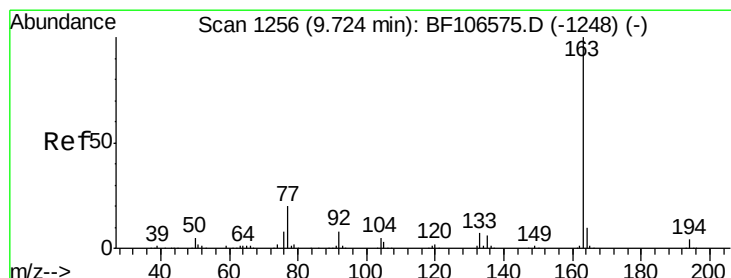
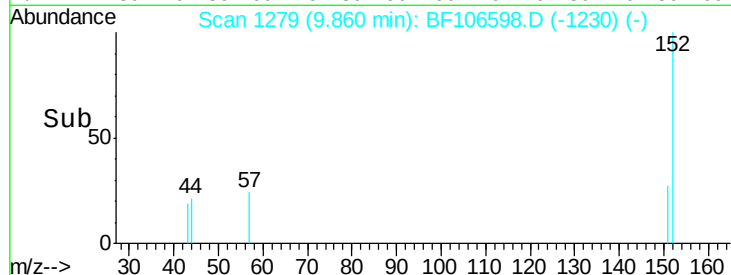
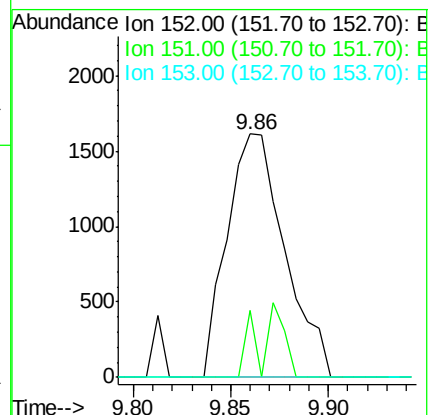
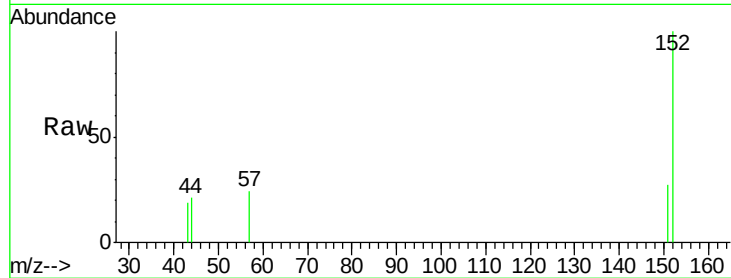
Tgt Ion:152 Resp: 3318

Ion Ratio Lower Upper

152 100

151 27.3 16.3 24.5#

153 0.0 10.7 16.1#



#49

Dimethylphthalate

Concen: 5.242 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF106598.D

Acq: 19 Jun 2018 22:30

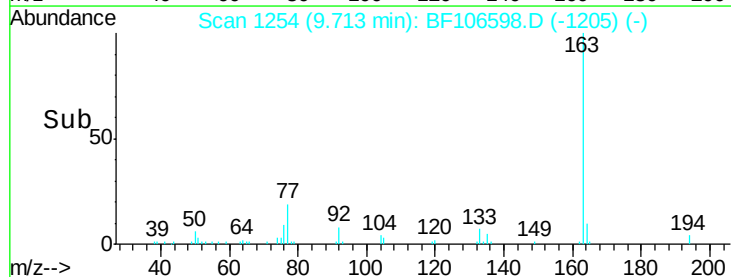
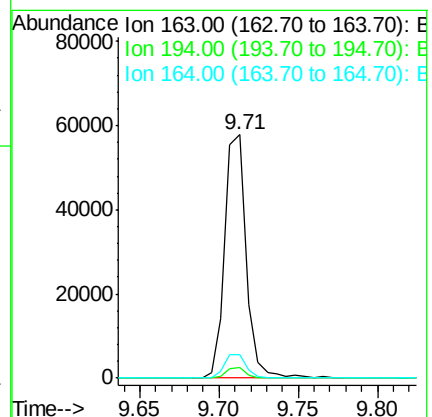
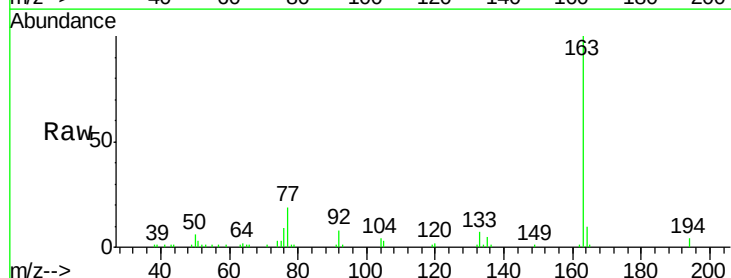
Tgt Ion:163 Resp: 54394

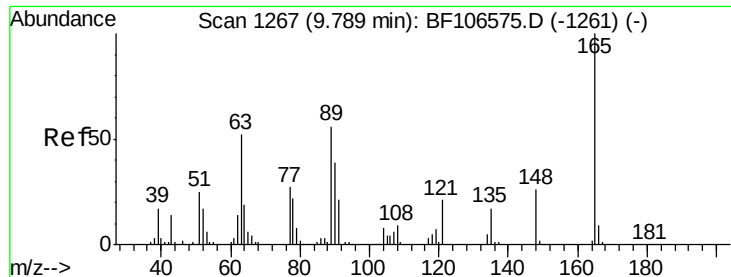
Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

164 9.8 8.2 12.2

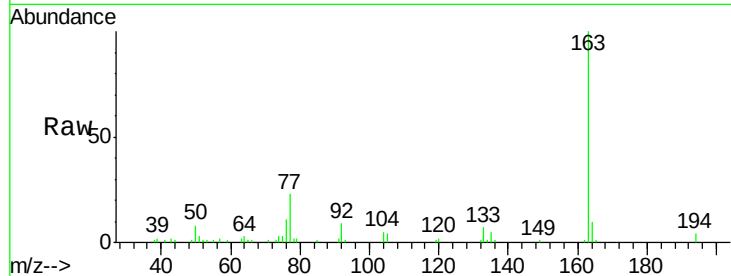




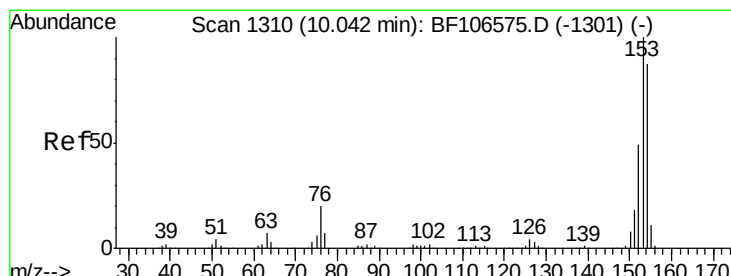
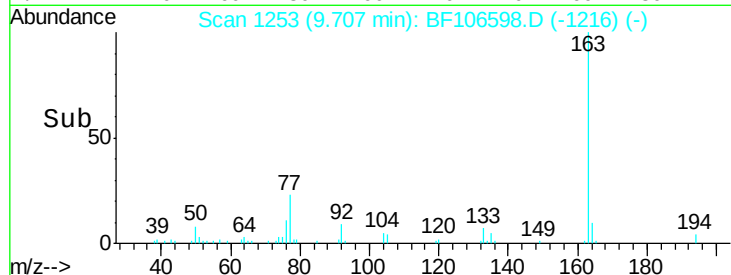
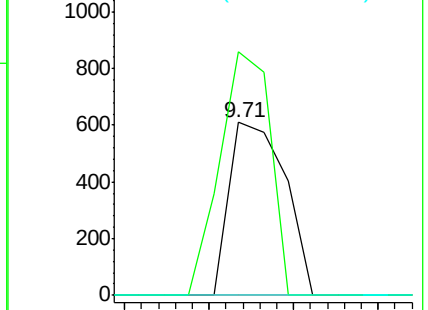
#50
2,6-Dinitrotoluene
Concen: 0.255 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.08 min
Lab File: BF106598.D
Acq: 19 Jun 2018 22:30

Instrument :
BNA_F
ClientSampleId :
TP-G-S

Tgt Ion:165 Resp: 561
Ion Ratio Lower Upper
165 100
63 141.1 44.7 67.1#
89 0.0 44.0 66.0#

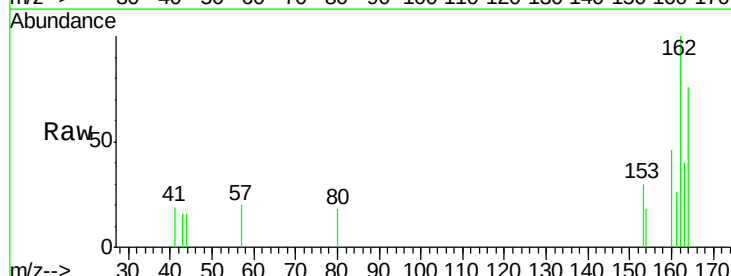


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

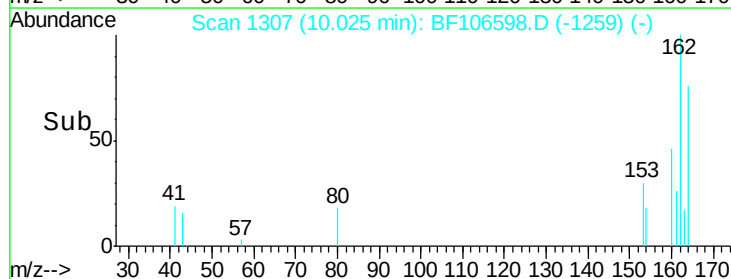
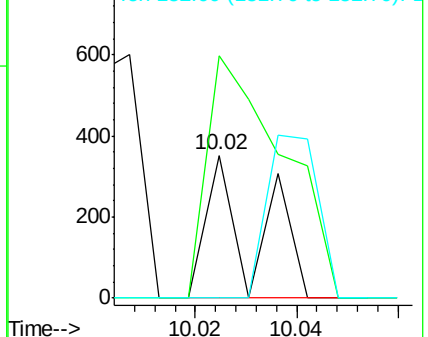


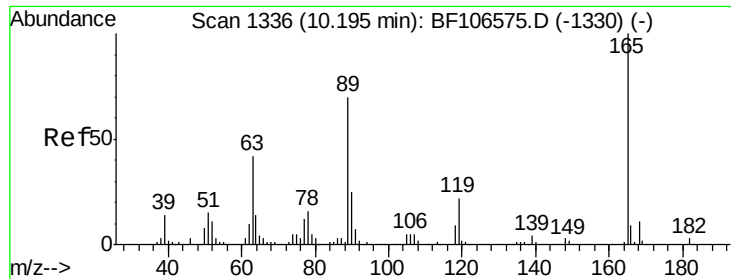
#51
Acenaphthene
Concen: 0.027 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF106598.D
Acq: 19 Jun 2018 22:30

Tgt Ion:154 Resp: 233
Ion Ratio Lower Upper
154 100
153 169.6 91.2 136.8#
152 0.0 43.8 65.8#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

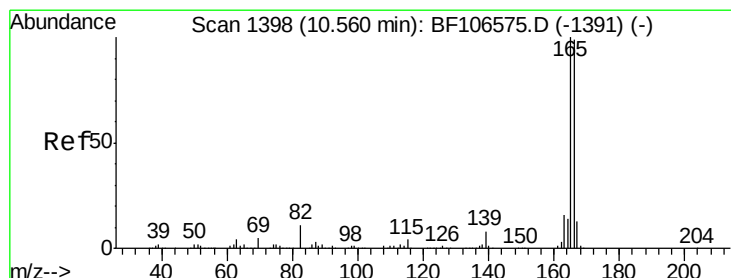
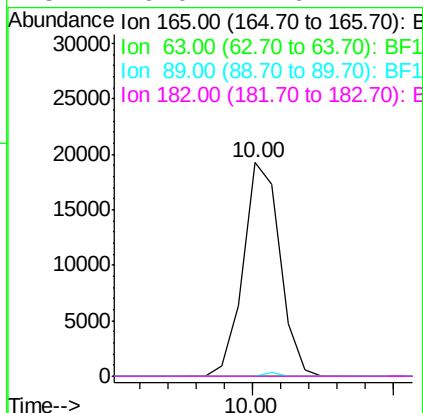
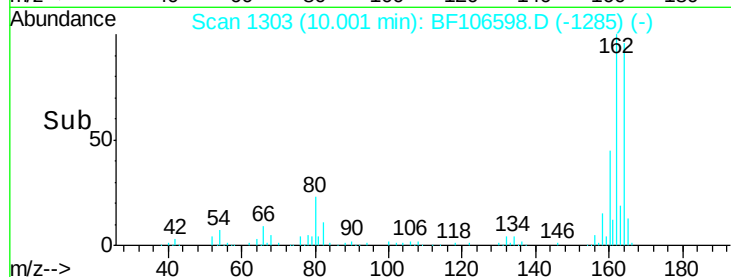
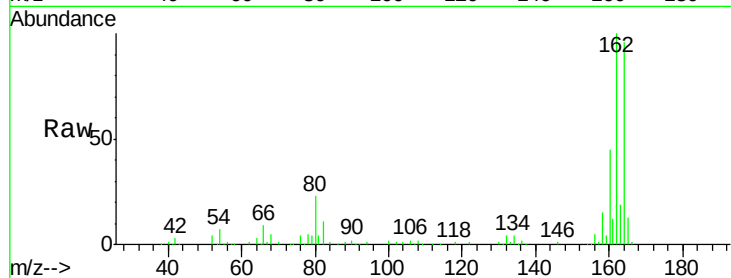




#56
2,4-Dinitrotoluene
Concen: 6.052 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106598.D
Acq: 19 Jun 2018 22:30

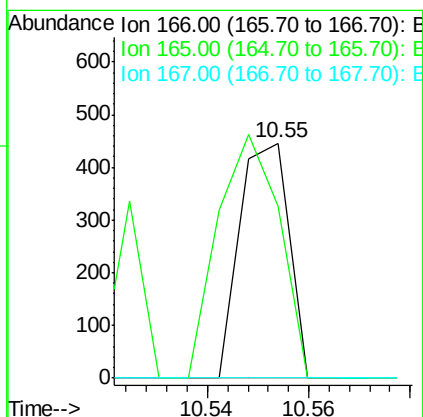
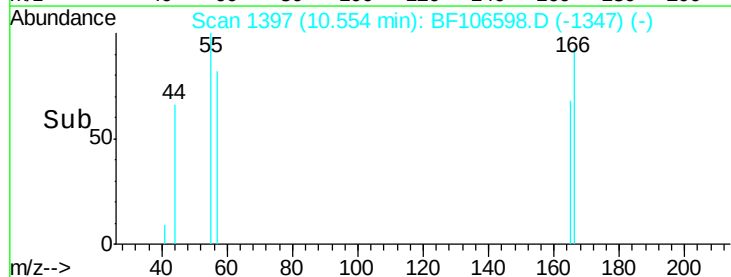
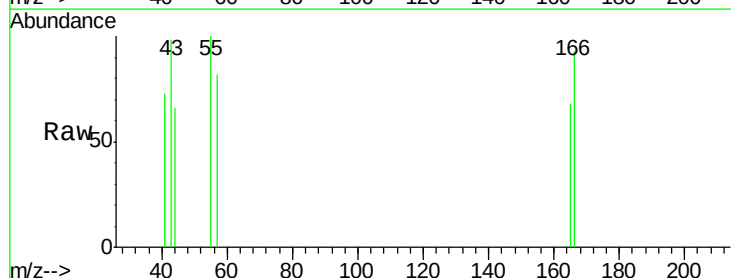
Instrument :
BNA_F
ClientSampleId :
TP-G-S

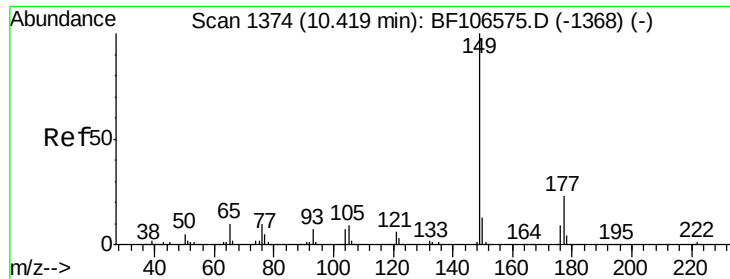
Tgt Ion:165 Resp: 17358
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



#57
Fluorene
Concen: 0.032 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF106598.D
Acq: 19 Jun 2018 22:30

Tgt Ion:166 Resp: 304
Ion Ratio Lower Upper
166 100
165 73.3 79.8 119.8#
167 0.0 10.6 16.0#

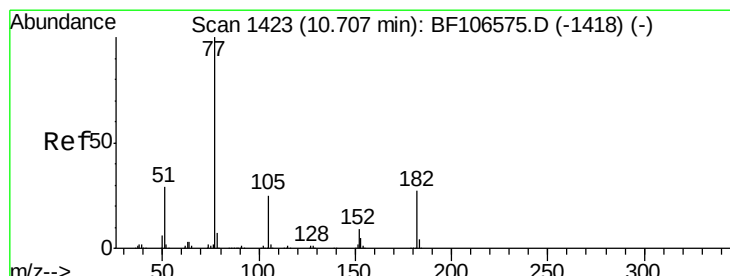
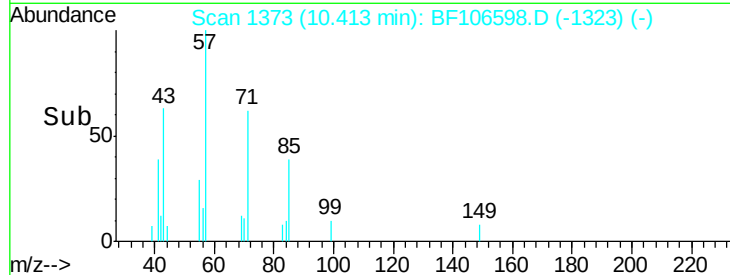
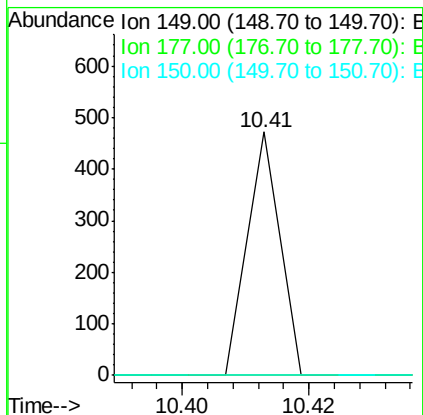
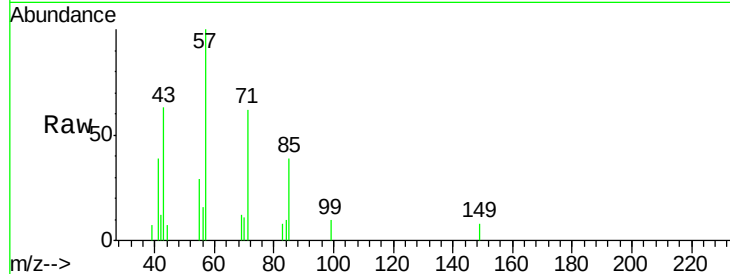




#59
Diethylphthalate
Concen: 0.017 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF106598.D
Acq: 19 Jun 2018 22:30

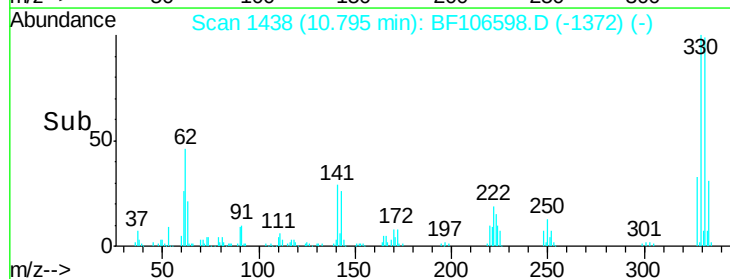
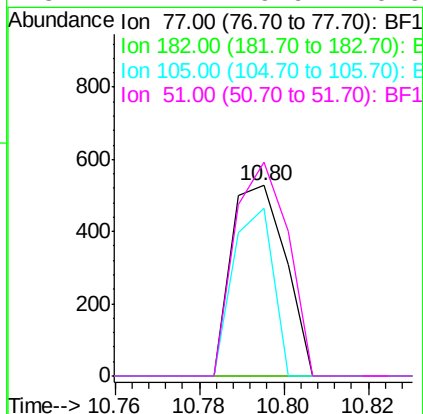
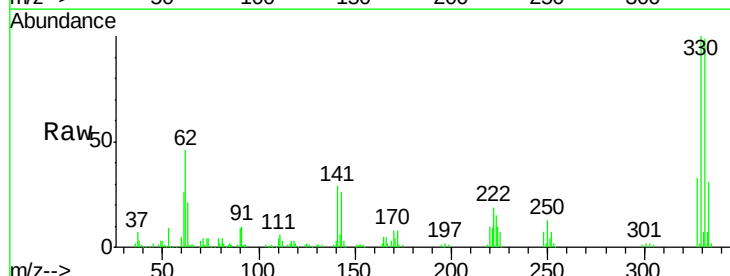
Instrument :
BNA_F
ClientSampleId :
TP-G-S

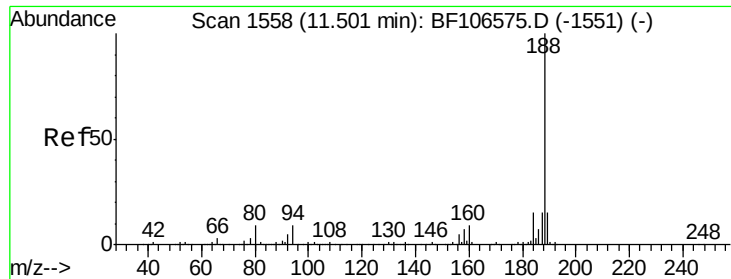
Tgt Ion: 149 Resp: 167
Ion Ratio Lower Upper
149 100
177 0.0 16.1 24.1#
150 0.0 10.1 15.1#



#62
Azobenzene
Concen: 0.048 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.09 min
Lab File: BF106598.D
Acq: 19 Jun 2018 22:30

Tgt Ion: 77 Resp: 472
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 87.9 3.0 43.0#
51 112.1 9.9 49.9#

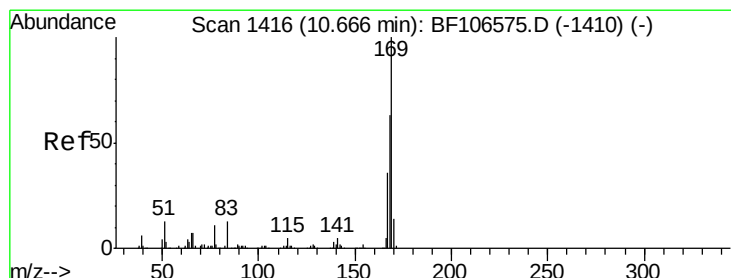
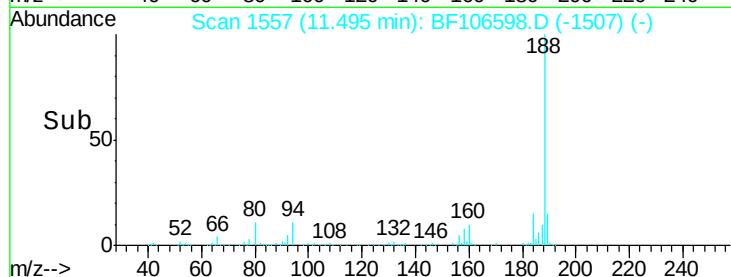
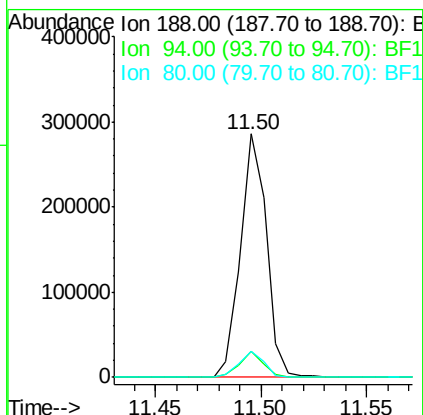
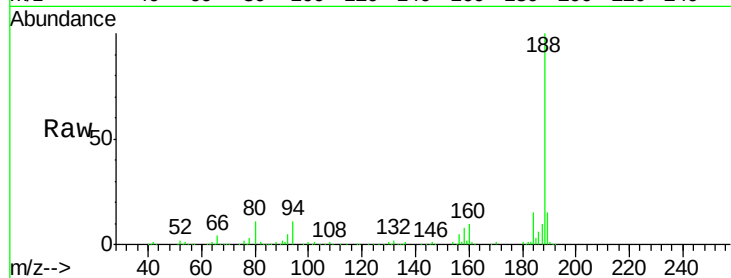




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106598.D
Acq: 19 Jun 2018 22:30

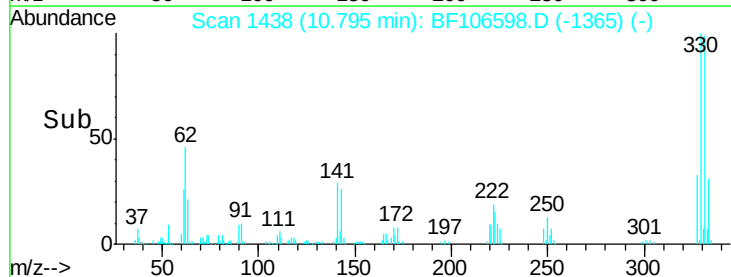
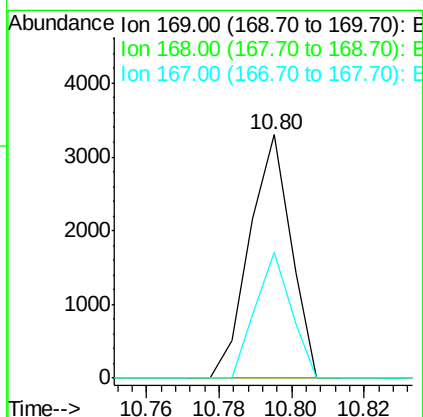
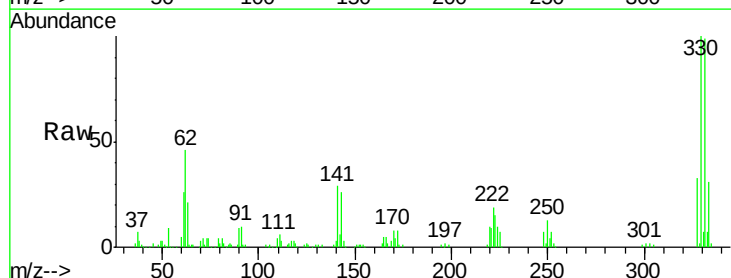
Instrument :
BNA_F
ClientSampleId :
TP-G-S

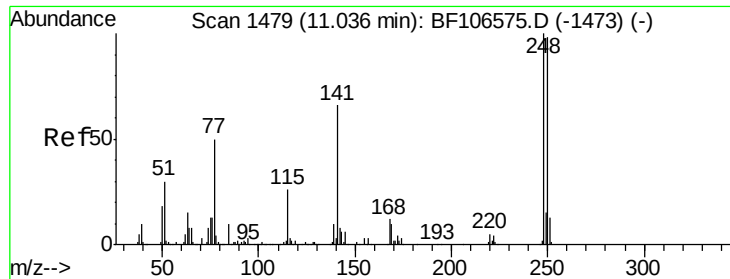
Tgt Ion:188 Resp: 244026
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 10.9 9.2 13.8



#65
n-Nitrosodiphenylamine
Concen: 0.318 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.13 min
Lab File: BF106598.D
Acq: 19 Jun 2018 22:30

Tgt Ion:169 Resp: 2612
Ion Ratio Lower Upper
169 100
168 0.0 54.4 81.6#
167 51.7 29.8 44.6#

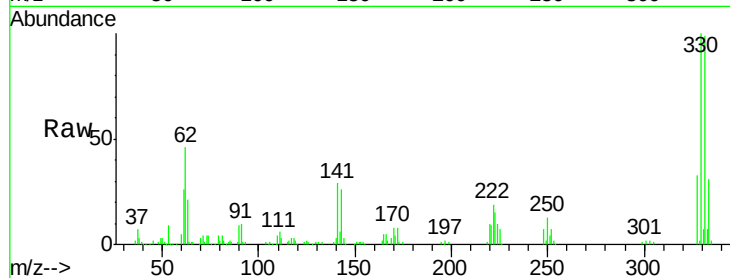




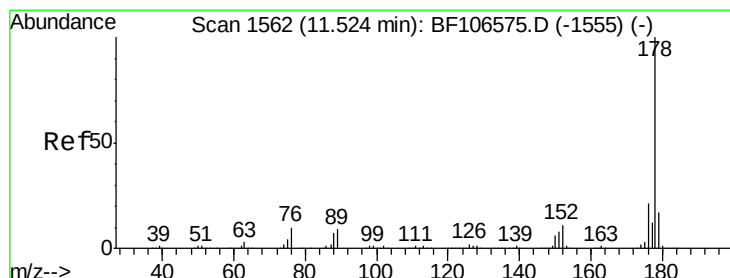
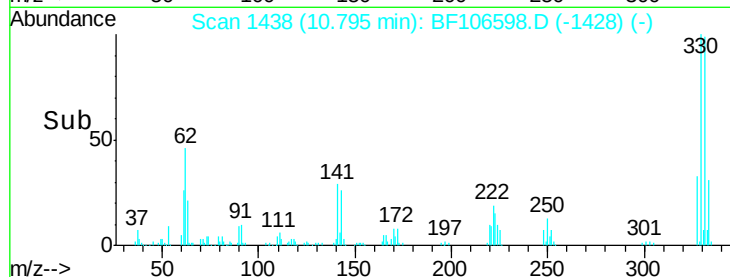
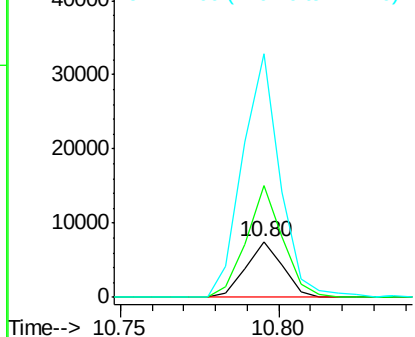
#66
 4-Bromophenyl-phenylether
 Concen: 2.084 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF106598.D
 Acq: 19 Jun 2018 22:30

Instrument :
 BNA_F
 ClientSampleId :
 TP-G-S

Tgt Ion: 248 Resp: 6068
 Ion Ratio Lower Upper
 248 100
 250 199.4 76.9 115.3#
 141 434.1 74.4 111.6#

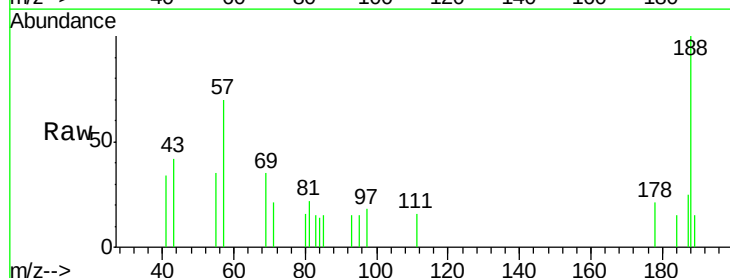


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

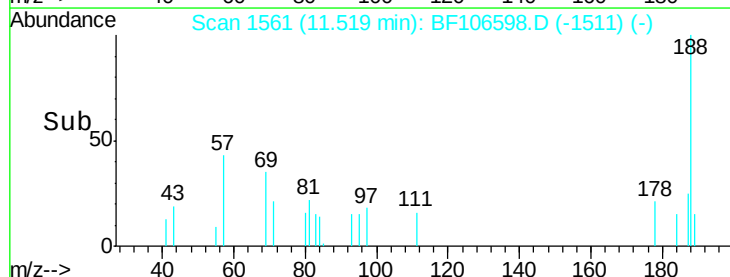
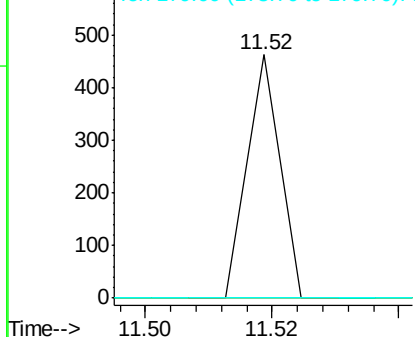


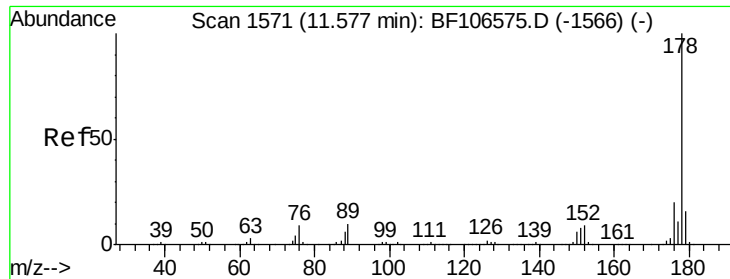
#70
 Phenanthrene
 Concen: 0.014 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF106598.D
 Acq: 19 Jun 2018 22:30

Tgt Ion: 178 Resp: 163
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.8 23.8#
 179 0.0 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 0.012 ng

RT: 11.57 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF106598.D

Acq: 19 Jun 2018 22:30

Instrument :

BNA_F

ClientSampled :

TP-G-S

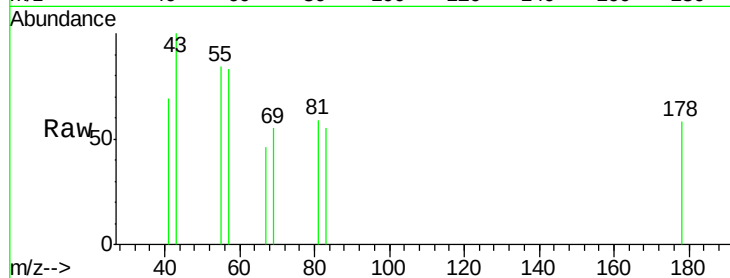
Tgt Ion:178 Resp: 139

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

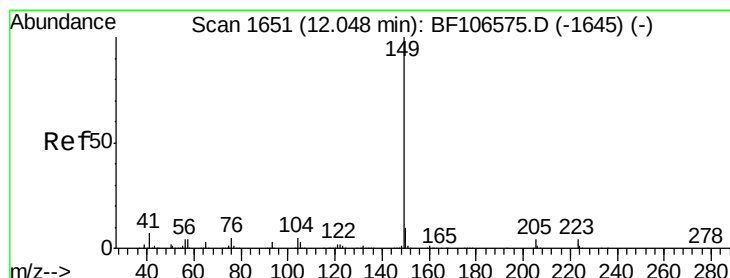
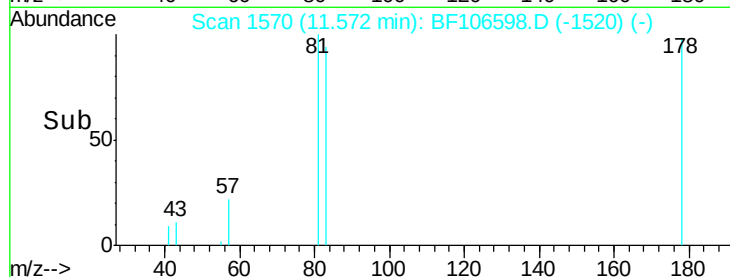
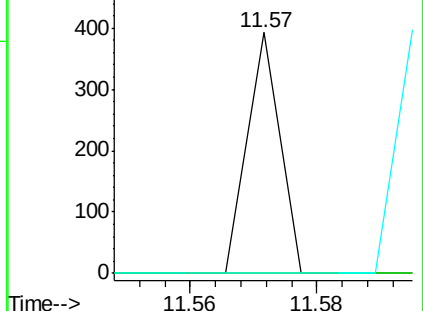
179 0.0 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Di-n-butylphthalate

Concen: 0.074 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BF106598.D

Acq: 19 Jun 2018 22:30

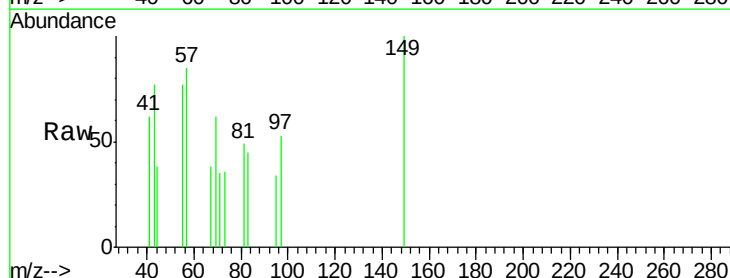
Tgt Ion:149 Resp: 977

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

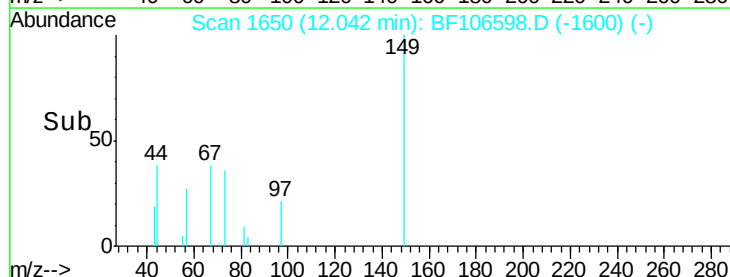
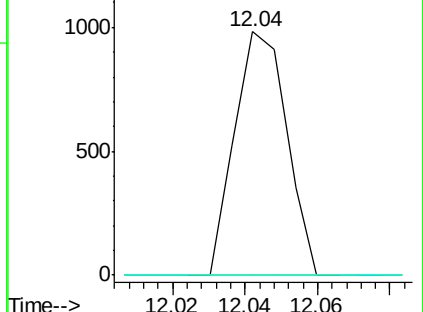
104 0.0 3.8 5.8#

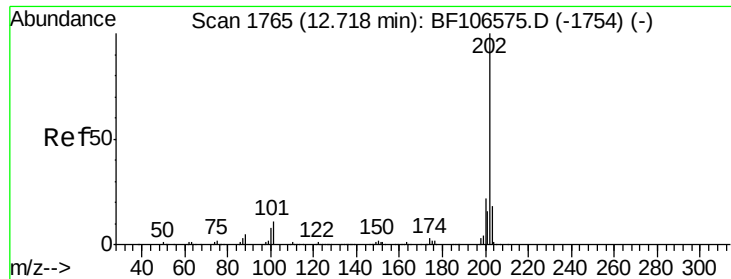


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

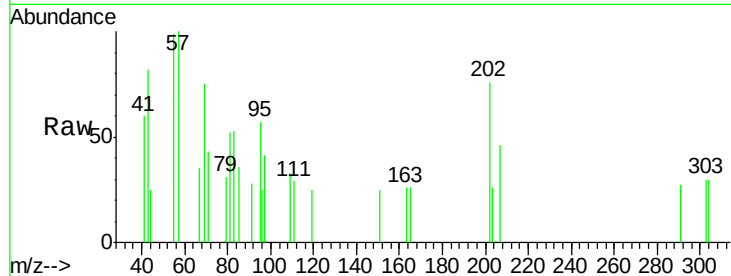




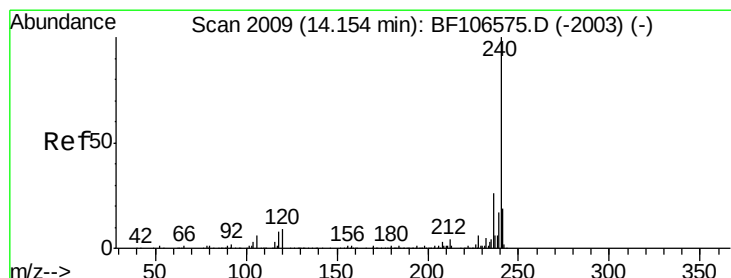
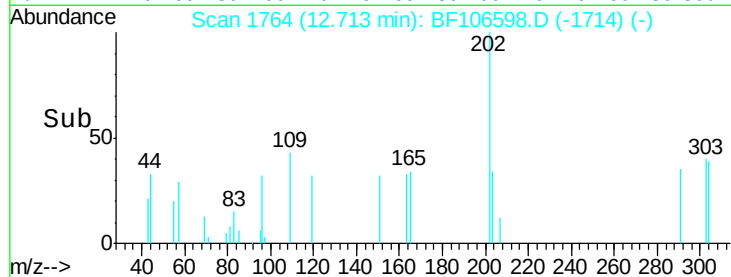
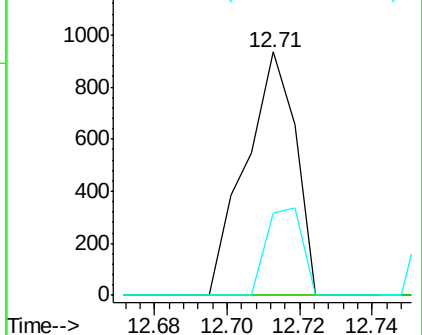
#74
Fluoranthene
Concen: 0.069 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106598.D
Acq: 19 Jun 2018 22:30

Instrument :
BNA_F
ClientSampleId :
TP-G-S

Tgt Ion: 202 Resp: 891
Ion Ratio Lower Upper
202 100
101 0.0 0.0 34.1
203 33.7 0.0 38.1

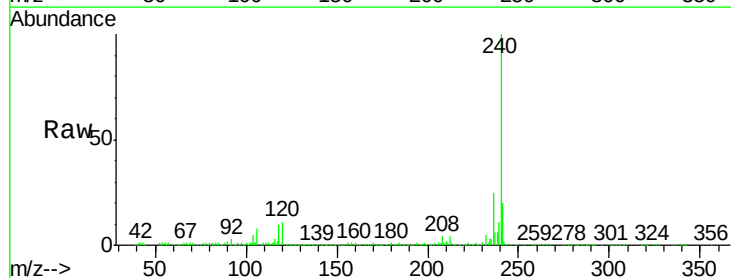


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

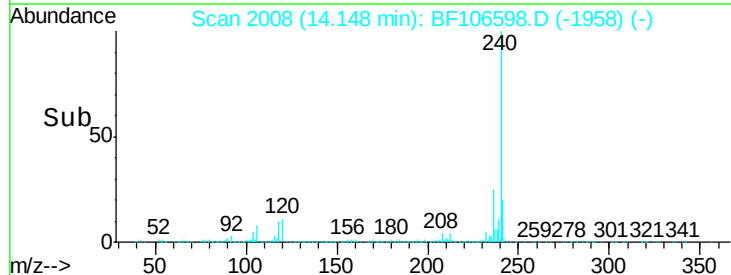
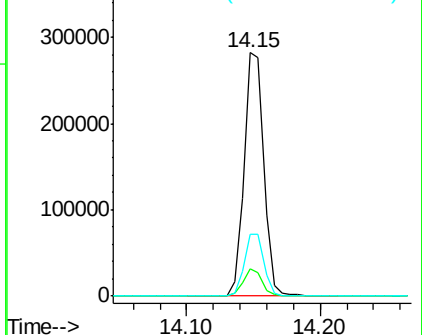


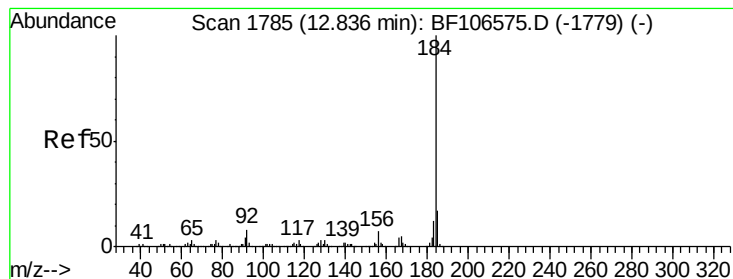
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106598.D
Acq: 19 Jun 2018 22:30

Tgt Ion: 240 Resp: 284551
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.732 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.25 min

Lab File: BF106598.D

Acq: 19 Jun 2018 22:30

Instrument :

BNA_F

ClientSampleId :

TP-G-S

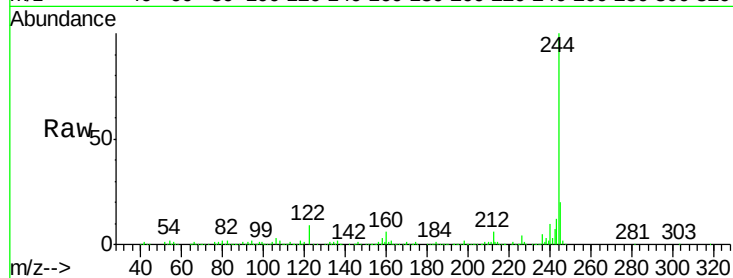
Tgt Ion:184 Resp: 5929

Ion Ratio Lower Upper

184 100

185 17.7 12.6 18.8

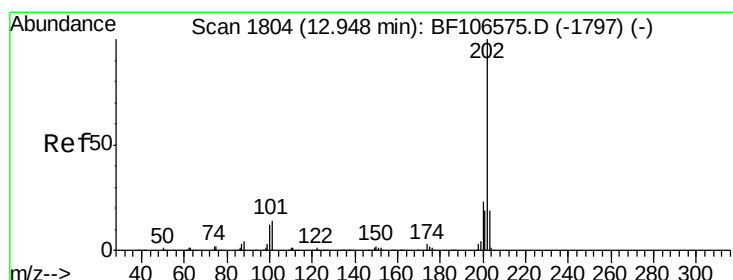
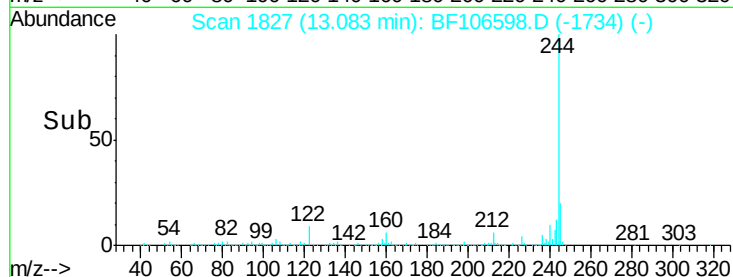
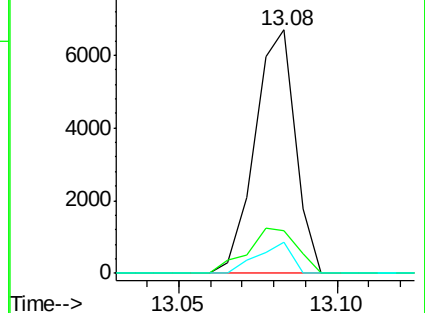
183 12.6 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.074 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF106598.D

Acq: 19 Jun 2018 22:30

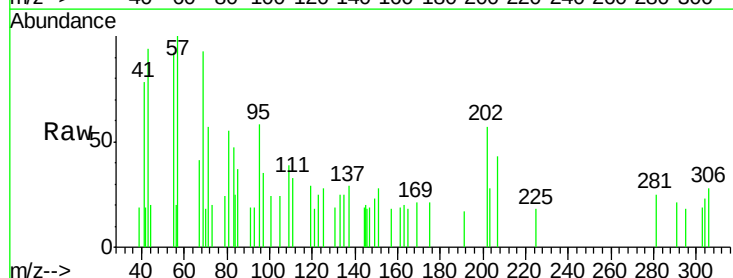
Tgt Ion:202 Resp: 1395

Ion Ratio Lower Upper

202 100

200 0.0 17.4 26.2#

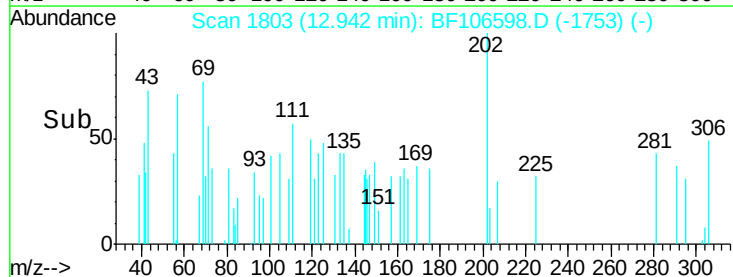
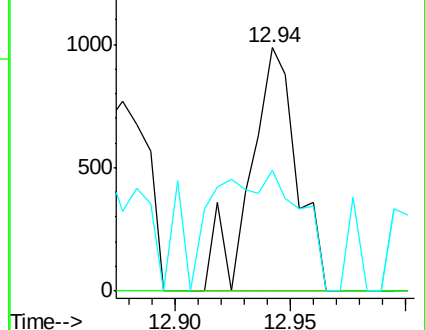
203 49.6 14.3 21.5#

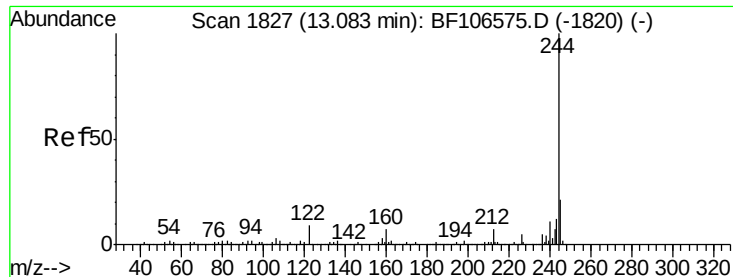


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

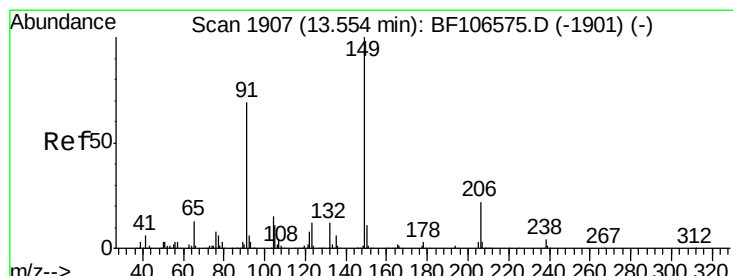
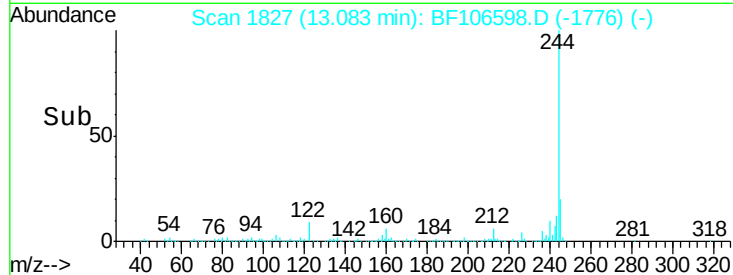
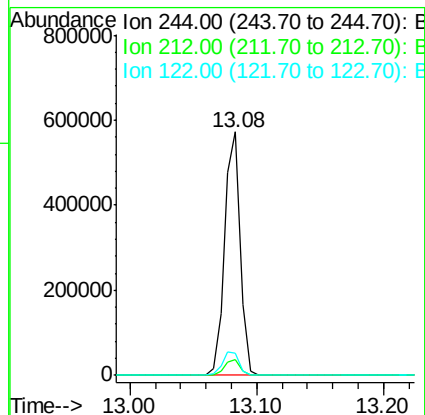
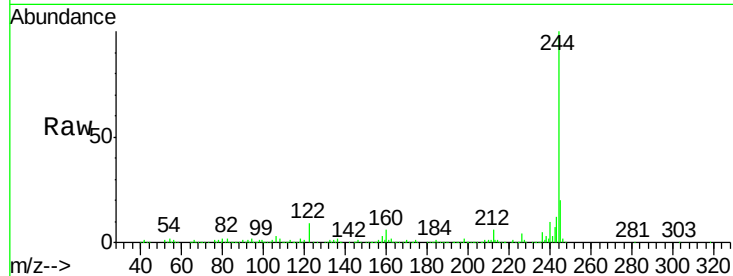




#78
 Terphenyl-d14
 Concen: 42.017 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF106598.D
 Acq: 19 Jun 2018 22:30

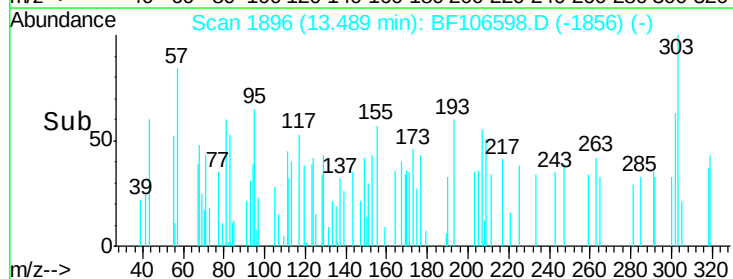
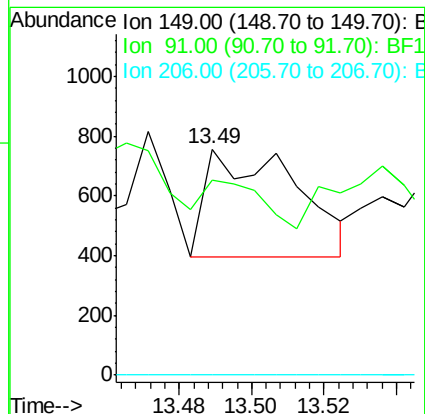
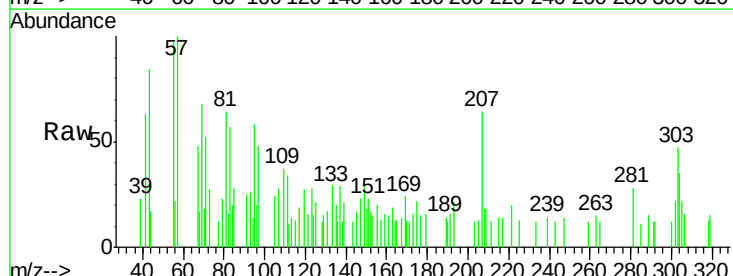
Instrument :
 BNA_F
 ClientSampleId :
 TP-G-S

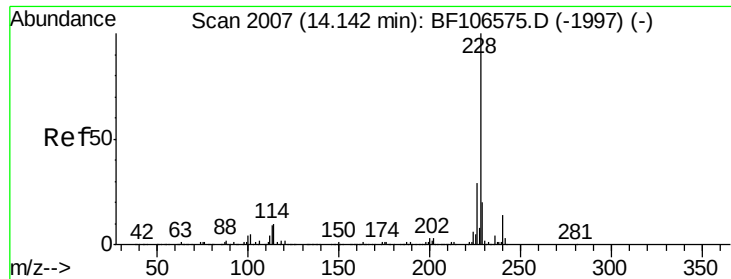
Tgt Ion:244 Resp: 493583
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 9.1 11.0 16.4#



#79
 Butylbenzylphthalate
 Concen: 0.081 ng
 RT: 13.49 min Scan# 1896
 Delta R.T. -0.06 min
 Lab File: BF106598.D
 Acq: 19 Jun 2018 22:30

Tgt Ion:149 Resp: 627
 Ion Ratio Lower Upper
 149 100
 91 86.1 56.8 85.2#
 206 0.0 14.1 21.1#

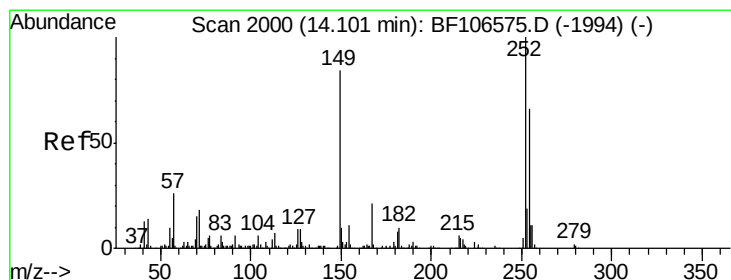
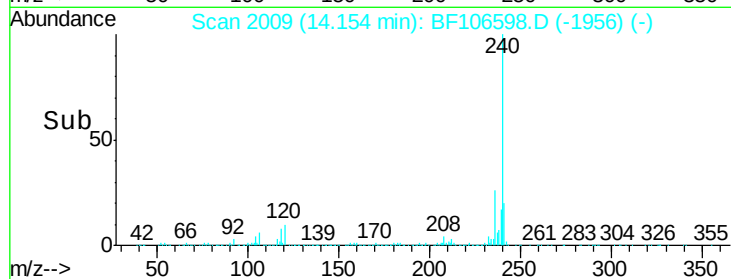
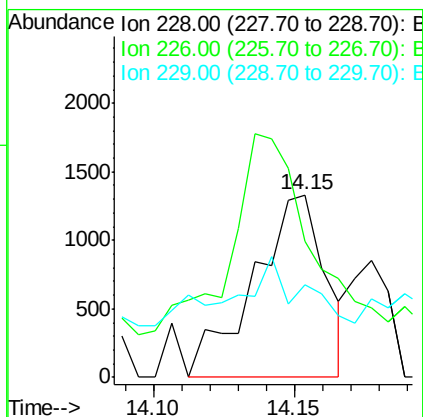
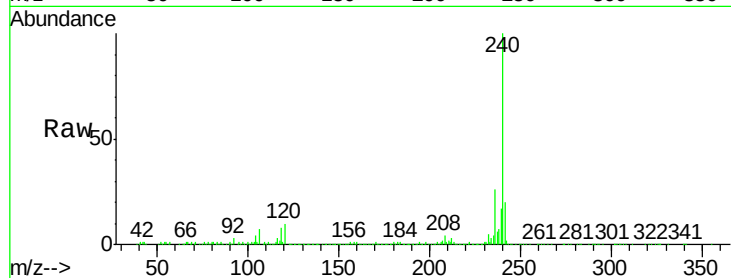




#80
Benzo(a)anthracene
Concen: 0.135 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF106598.D
Acq: 19 Jun 2018 22:30

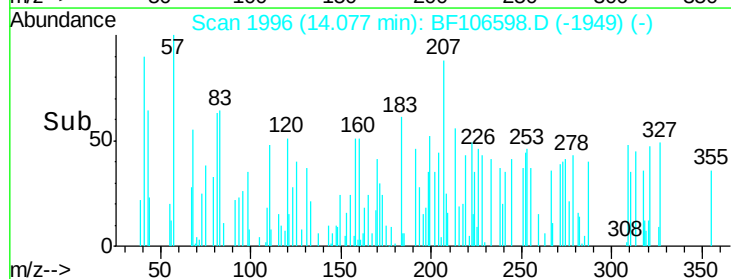
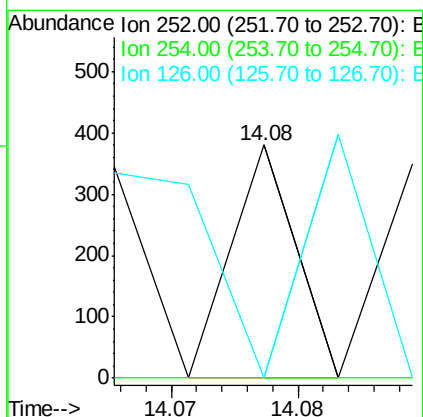
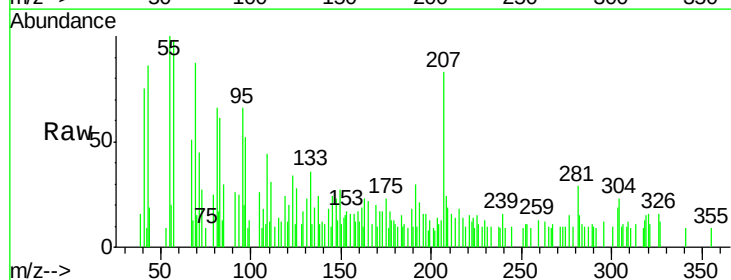
Instrument :
BNA_F
ClientSampleId :
TP-G-S

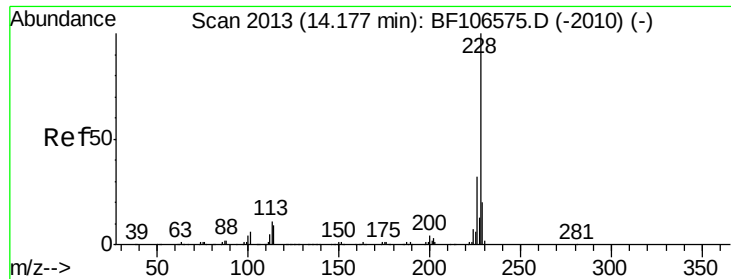
Tgt Ion:228 Resp: 2340
Ion Ratio Lower Upper
228 100
226 74.5 22.6 33.8#
229 50.7 15.8 23.6#



#81
3,3'-Dichlorobenzidine
Concen: 0.022 ng
RT: 14.08 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF106598.D
Acq: 19 Jun 2018 22:30

Tgt Ion:252 Resp: 134
Ion Ratio Lower Upper
252 100
254 0.0 50.4 75.6#
126 0.0 11.3 16.9#





#82

Chrysene

Concen: 0.147 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BF106598.D

Acq: 19 Jun 2018 22:30

Instrument :

BNA_F

ClientSampleId :

TP-G-S

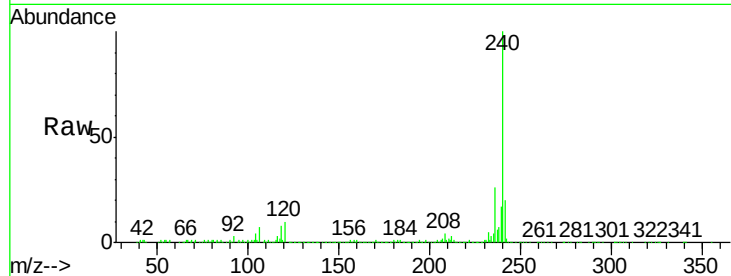
Tgt Ion:228 Resp: 2340

Ion Ratio Lower Upper

228 100

226 74.5 25.0 37.6#

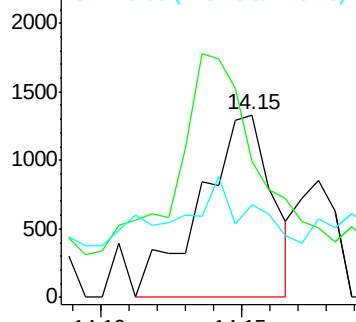
229 50.7 16.2 24.4#



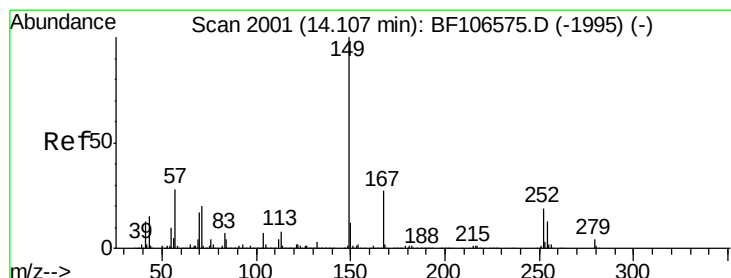
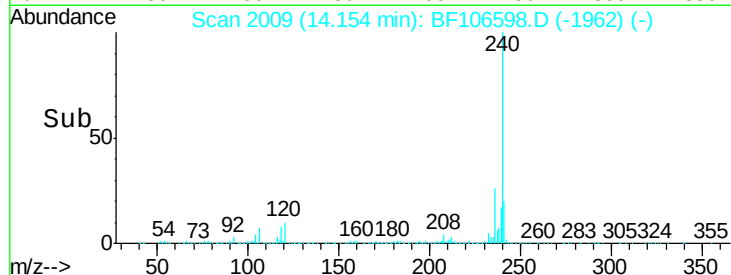
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.159 ng

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF106598.D

Acq: 19 Jun 2018 22:30

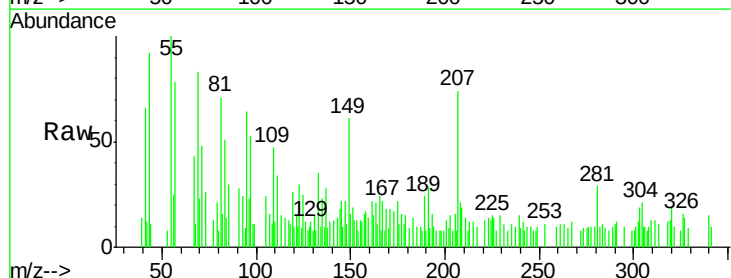
Tgt Ion:149 Resp: 1564

Ion Ratio Lower Upper

149 100

167 35.1 21.3 31.9#

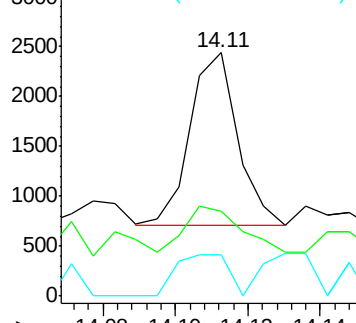
279 17.0 3.0 4.4#



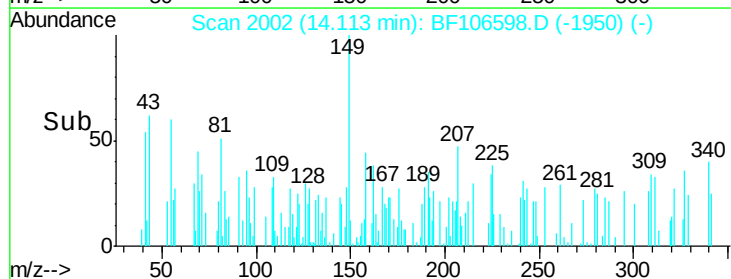
Abundance Ion 149.00 (148.70 to 149.70): E

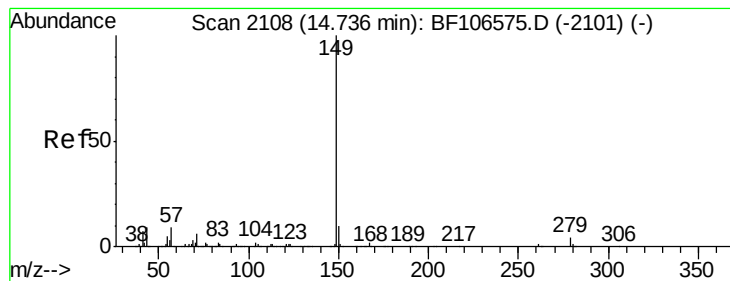
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#84

Di-n-octyl phthalate

Concen: 0.021 ng

RT: 14.78 min Scan# 2115

Delta R.T. 0.04 min

Lab File: BF106598.D

Acq: 19 Jun 2018 22:30

Instrument :

BNA_F

ClientSampleId :

TP-G-S

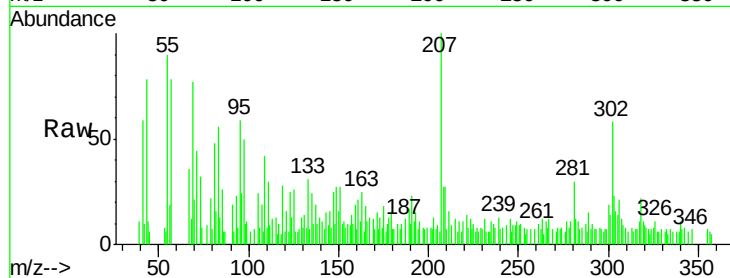
Tgt Ion:149 Resp: 341

Ion Ratio Lower Upper

149 100

167 72.4 1.2 1.8#

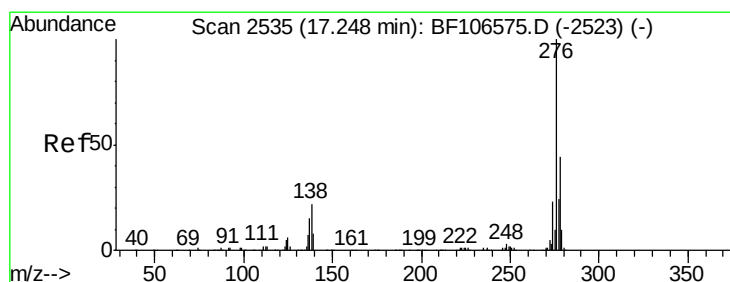
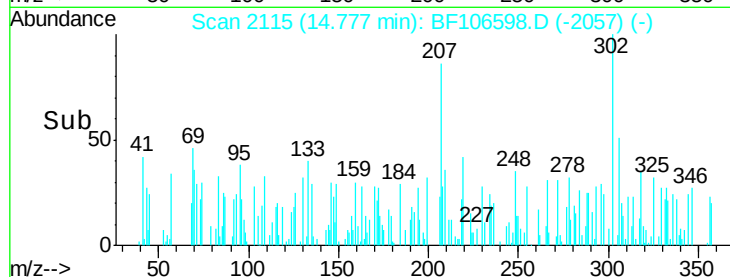
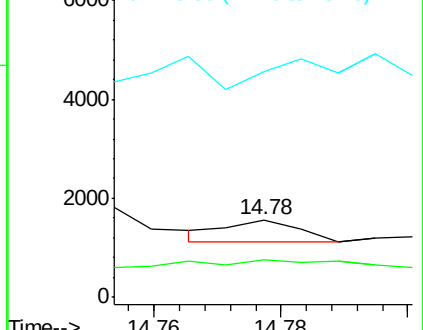
43 137.0 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.131 ng

RT: 17.27 min Scan# 2539

Delta R.T. 0.02 min

Lab File: BF106598.D

Acq: 19 Jun 2018 22:30

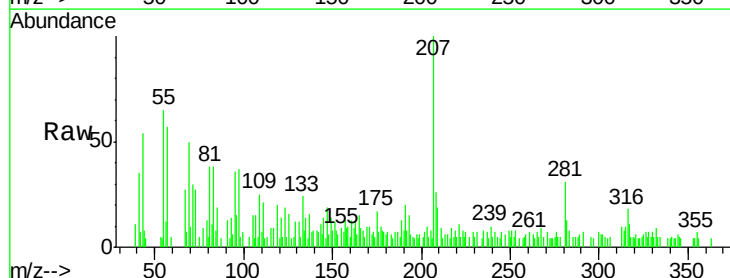
Tgt Ion:276 Resp: 1777

Ion Ratio Lower Upper

276 100

138 71.1 25.0 37.6#

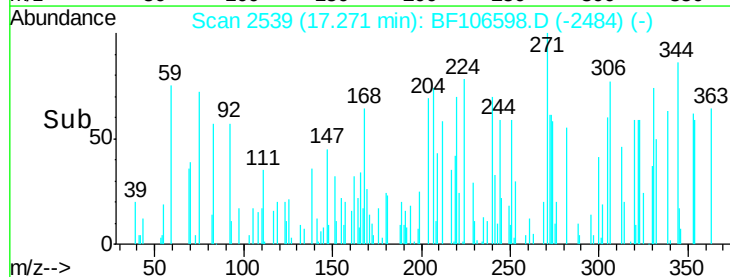
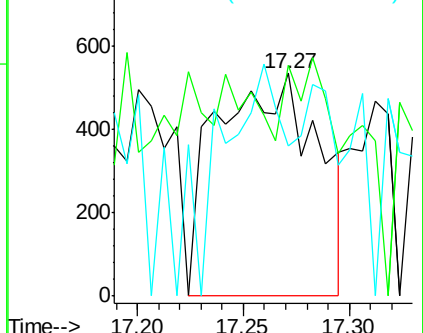
277 0.0 20.1 30.1#

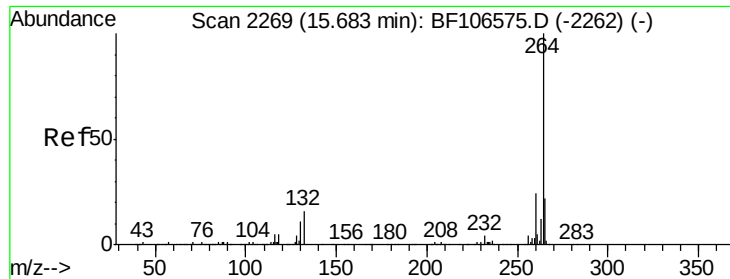


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

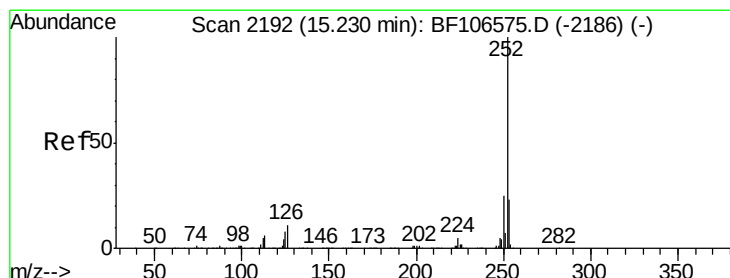
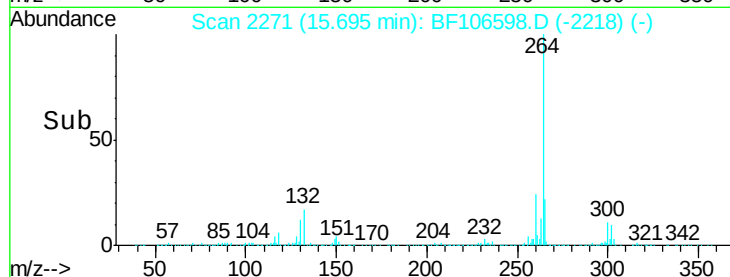
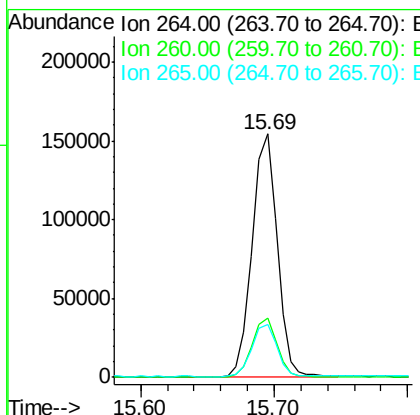
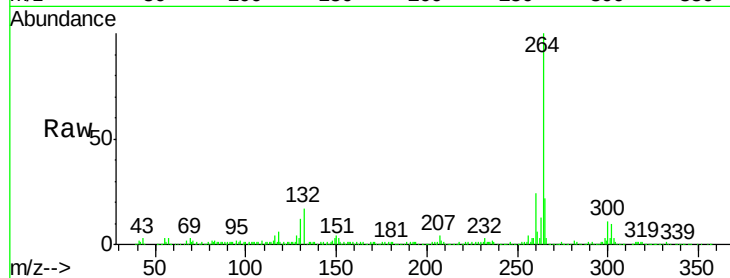




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF106598.D
Acq: 19 Jun 2018 22:30

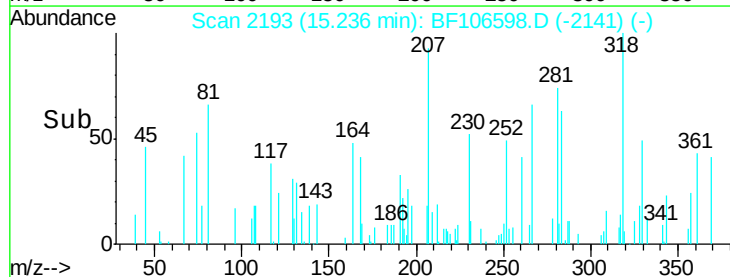
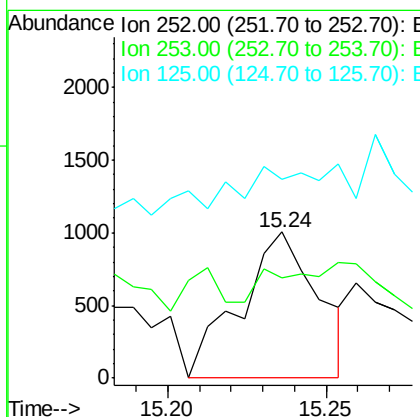
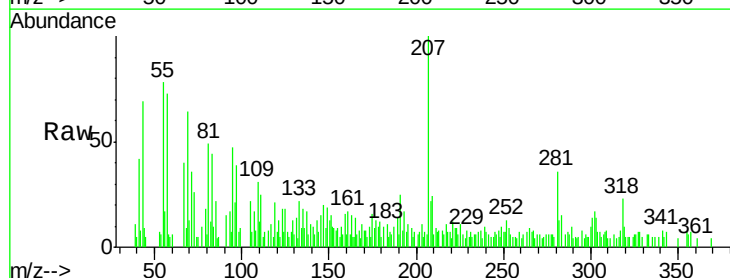
Instrument :
BNA_F
ClientSampleId :
TP-G-S

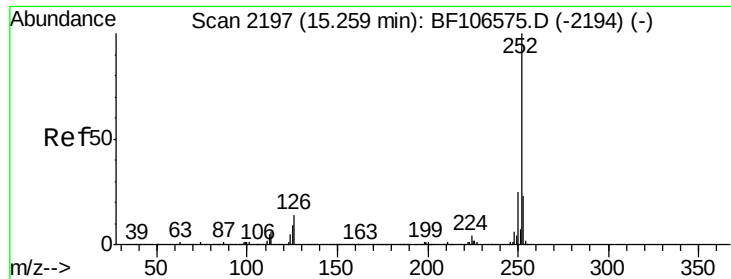
Tgt Ion:264 Resp: 201093
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.9 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 0.137 ng
RT: 15.24 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF106598.D
Acq: 19 Jun 2018 22:30

Tgt Ion:252 Resp: 1709
Ion Ratio Lower Upper
252 100
253 69.0 17.0 25.6#
125 136.7 9.0 13.6#

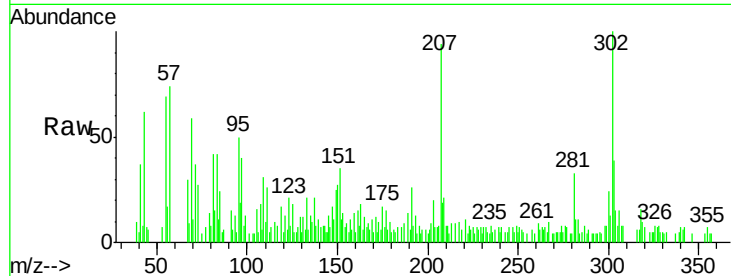




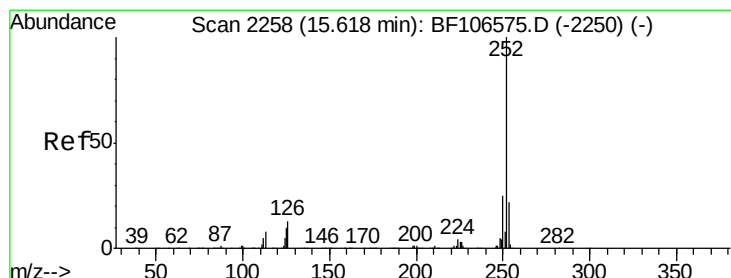
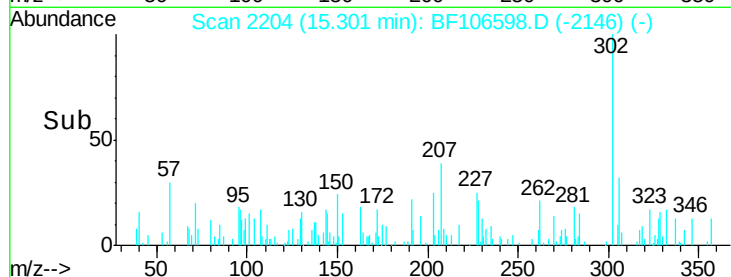
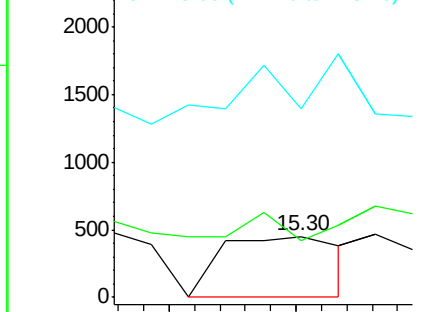
#88
Benzo(k)fluoranthene
Concen: 0.050 ng
RT: 15.30 min Scan# 2204
Delta R.T. 0.04 min
Lab File: BF106598.D
Acq: 19 Jun 2018 22:30

Instrument :
BNA_F
ClientSampleId :
TP-G-S

Tgt Ion:252 Resp: 593
Ion Ratio Lower Upper
252 100
253 92.7 17.9 26.9#
125 307.7 10.2 15.2#

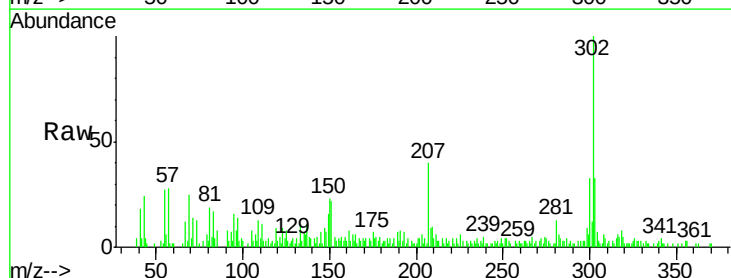


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

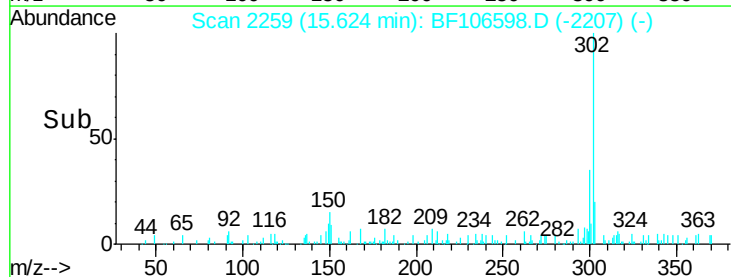
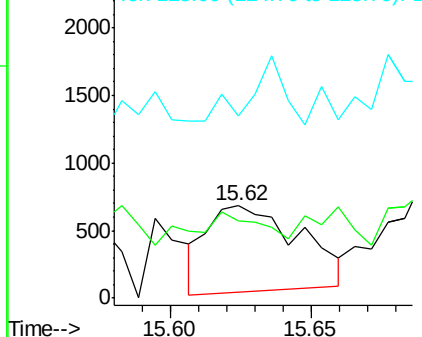


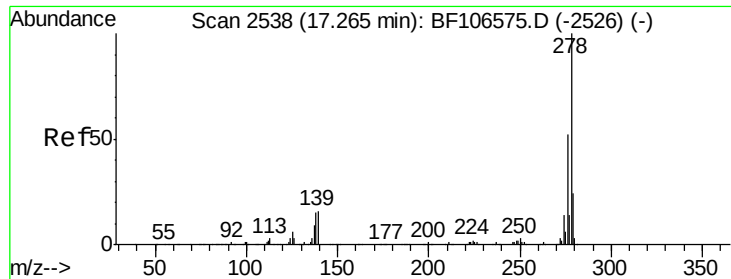
#89
Benzo(a)pyrene
Concen: 0.131 ng
RT: 15.62 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF106598.D
Acq: 19 Jun 2018 22:30

Tgt Ion:252 Resp: 1459
Ion Ratio Lower Upper
252 100
253 84.1 17.1 25.7#
125 197.8 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.043 ng

RT: 17.29 min Scan# 2542

Delta R.T. 0.02 min

Lab File: BF106598.D

Acq: 19 Jun 2018 22:30

Instrument :

BNA_F

ClientSampled :

TP-G-S

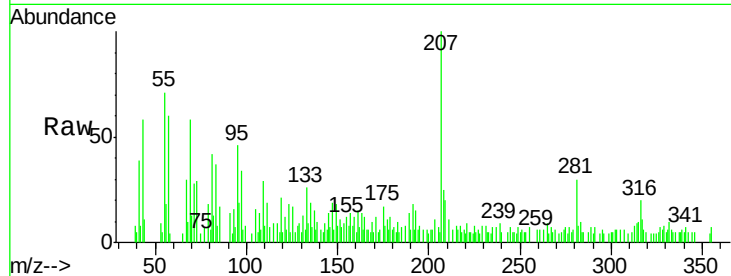
Tgt Ion:278 Resp: 401

Ion Ratio Lower Upper

278 100

139 187.7 15.9 23.9#

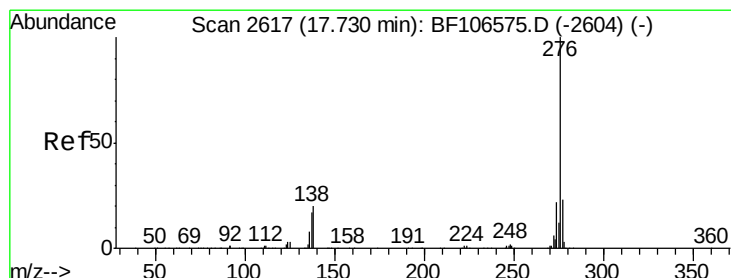
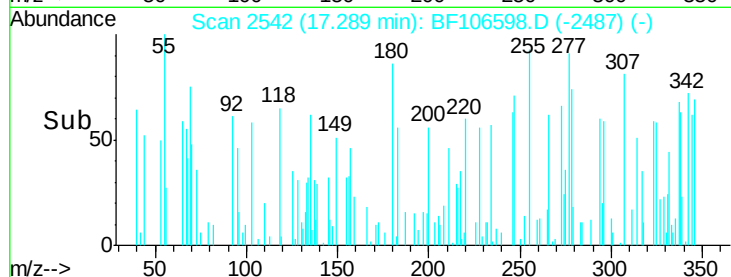
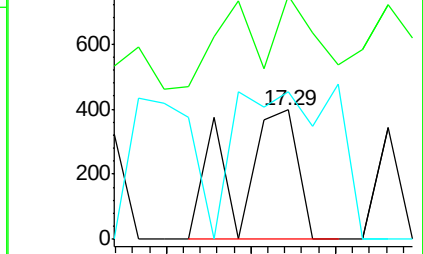
279 113.8 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.152 ng

RT: 17.74 min Scan# 2618

Delta R.T. 0.01 min

Lab File: BF106598.D

Acq: 19 Jun 2018 22:30

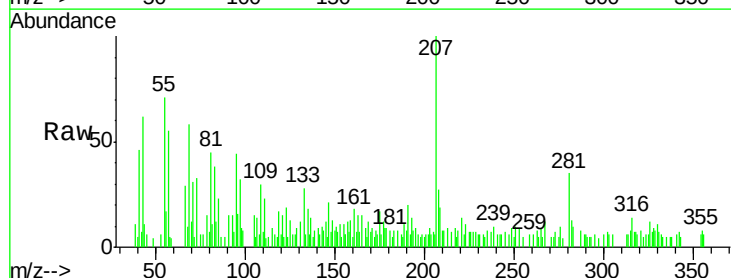
Tgt Ion:276 Resp: 1394

Ion Ratio Lower Upper

276 100

277 46.6 17.9 26.9#

138 56.2 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

